

HA-Tag Rabbit Polyclonal Antibody

Catalog No: #T501

Package Size: #T501-1 50ul #T501-2 100ul

Description

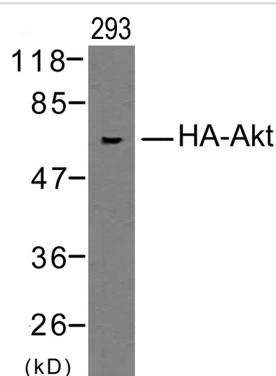
Product Name	HA-Tag Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Specificity	The antibody detects HA-tagged proteins overexpressed in cells. The antibody recognizes the HA-tag fused to either the amino- or carboxy-terminus of targeted proteins in transfected cells.
Immunogen Type	Peptide
Immunogen Description	Peptide sequence (Y-P-Y-D-V-P-D-Y-A).
Conjugates	Unconjugated
Target Name	HA-Tag
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from 293 cells transfected with HA-tagged Akt using HA-Tag Rabbit polyclonal antibody #T501.

Background

Epitope tags are artificial epitopes useful for the labeling and detection of proteins. Epitope tags - short amino acid sequences are 'fused' to the N- or C-terminus of the protein.

Published Papers

Sai Srinivas Panapakkam Giridharan, Bishuang Cai, Nicolas Vitale et al., Cooperation of MICAL-L1, syndapin2, and phosphatidic acid in tubular recycling endosome biogenesis., Molecular Biology of the Cell., 24(11):1776-1790(2013)

[PMID:23596323](#)

Yuan Qiu, Yan Ding, Lingyun Zou et al., Divergent Roles of Amino Acid Residues Inside and Outside the BB Loop Affect Human Toll-Like Receptor (TLR)2/2, TLR2/1 and TLR2/6 Responsiveness., PLoS ONE, 8(4): e61508. doi:10.1371/journal.pone.0061508(2013)

[PMID:23626692](#)

el at., Embryonic lethality in mice lacking Trim59 due to impaired gastrulation development.In Cell Death Dis. On 2018 Feb 21 by Su X, Wu C et al..PMID: 29467473, , (2018)

[PMID:29467473](#)

el at., PGK1 facilitates cisplatin chemoresistance by triggering HSP90/ERK pathway mediated DNA repair and methylation in endometrial endometrioid adenocarcinoma. In Mol Med on 2019 Mar 29; by Zhou JW, Tang JJ, et al..PMID:30925862, , (2019)

[PMID:30925862](#)

el at., A conserved region of nonstructural protein 1 from alphacoronaviruses inhibits host gene expression and is critical for viral virulence. In J Biol Chem on 2019 Sep 13 by Zhou Shen, Gang Wang,et al..PMID:31350335, , (2019)

[PMID:31350335](#)

el at., Nuclear PKM2 Regulates the Warburg Effect.In Cell Cycle on 2013 Oct 1 by Weiwei Yang, Zhimin Lu,et al..PMID:24013426, , (2013)

[PMID:24013426](#)

el at., Divergent roles of amino acid residues inside and outside the BB loop affect human Toll-like receptor (TLR) 2/2, TLR2/1 and TLR2/6 responsiveness. In PLoS One on 2013 Apr 23 by Yuan Qiu, Yan Ding, et al..PMID:23626692, , (2013)

[PMID:23626692](#)

el at., Functional analysis of hybrid peptide CAMA-Syn: expression in mammalian cells and antimicrobial potential. In Protein Pept Lett on 2012 Oct by Junlin Zhang, Sha Peng, et al..PMID: 22512652, , (2012)

[PMID:22512652](#)

el at., Cooperation of MICAL-L1, syndapin2, and phosphatidic acid in tubular recycling endosome biogenesis. In Mol Biol Cell on 2013 Jun by Bishuang Cai, Nicolas Vitale,et al..PMID:23596323, , (2013)

[PMID:23596323](#)

el at., AKT1 ζ -dependent phosphorylation of Niban regulates nucleophosmin ζ -induced MDM2 ζ -mediated p53 stability and cell apoptosis. In EMBO Rep on 2012 Jun 1 by Haitao Ji, Zhiyong Ding, et al..PMID: 22510990, , (2012)

[PMID:22510990](#)

el at., Cytomegalovirus pUL50 is the multi-interacting determinant of the core nuclear egress complex (NEC) that recruits cellular accessory NEC components.In J Gen Virol on 2016 Jul by Eric Sonntag, Stuart T Hamilton et al..PMID:27145986, , (2016)

[PMID:27145986](#)

el at., Moesin and myosin phosphatase confine neutrophil orientation in a chemotactic gradient.In J Exp Med on 2015 Feb 9 by Xiaowen Liu, Tao Yang et al..PMID: 25601651, , (2015)

[PMID:25601651](#)

el at., Diacylglycerol kinase δ O regulates tubular recycling endosome biogenesis and major histocompatibility complex class I recycling. In J Biol Chem on 2014 Nov 14 by Shuwei Xie, Naava Naslavsky, et al..PMID:25248744, , (2014)

[PMID:25248744](#)

el at., GRAF1 forms a complex with MICAL-L1 and EHD1 to cooperate in tubular recycling endosome vesiculation. In *Front Cell Dev Biol* on 2014 May 27 by Bishuang Cai, Shuwei Xie, et al..PMID:25364729, , (2014)

[PMID:25364729](#)

el at., The endocytic recycling compartment maintains cargo segregation acquired upon exit from the sorting endosome. In *Mol Biol Cell* on 2016 Jan 1 by Shuwei Xie, Kriti Bahl, et al..PMID:26510502, , (2016)

[PMID:26510502](#)

el at., EHD3 Protein Is Required for Tubular Recycling Endosome Stabilization, and an Asparagine-Glutamic Acid Residue Pair within Its Eps15 Homology (EH) Domain Dictates Its Selective Binding to NPF Peptides. In *J Biol Chem* on 2016 Jun 24 by Kriti Bahl, Shuwei Xie,et al..PMID:27189942, , (2016)

[PMID:27189942](#)

el at., Acetylation promotes BCAT2 degradation to suppress BCAA catabolism and pancreatic cancer growth. In *Signal Transduct Target Ther* on 2020 May 29 by Ming-Zhu Lei, Xu-Xu Li,et al..PMID:32467562, , (2020)

[PMID:32467562](#)

el at., The peptidyl-prolyl cis/trans isomerase Pin1 interacts with three early regulatory proteins of human cytomegalovirus. In *Virus Res* on 2020 Aug by Martin Schtz, Marco Thomas, et al..PMID:32428517, , (2020)

[PMID:32428517](#)

el at., High-resolution crystal structures of two prototypical β - and γ -herpesviral nuclear egress complexes unravel the determinants of subfamily specificity. In *J Biol Chem* on 2020 Mar 6 by Yves A Muller, Sigrun H?ge, et al..PMID:31980459, , (2020)

[PMID:31980459](#)

el at., Properties of Oligomeric Interaction of the Cytomegalovirus Core Nuclear Egress Complex (NEC) and Its Sensitivity to an NEC Inhibitory Small Molecule. In *Viruses* on 2021 Mar 11 by Jintawee Kicuntod, Sewar Alkhashrom,et al..PMID:33799898, , (2021)

[PMID:33799898](#)

el at., The Oligomeric Assemblies of Cytomegalovirus Core Nuclear Egress Proteins Are Associated with Host Kinases and Show Sensitivity to Antiviral Kinase Inhibitors. In *Viruses* on 2022 May 11 by Jintawee Kicuntod, Sigrun H?ge, et al..PMID: 35632762, , (2022)

[PMID:35632762](#)

el at., β Shared-Hook β and β Changed-Hook β Binding Activities of Herpesviral Core Nuclear Egress Complexes Identified by Random Mutagenesis. In *Cells* on 2022 Dec 13

by Josephine L?sing, Sigrun H?ge,et al..PMID:36552794, , (2022)

[PMID:36552794](#)

el at., Studies on the human cytomegalovirus kinase β cyclin interaction that determines host regulation and viral replication efficiency, , (2024)

[PMID:](#)

Johannes Schweininger;Mark Kriegel;Sigrun Hage;Marcus Conrad;Sewar Alkhashrom;Josephine Losing;Sigrid Weiler;Julia Tillmanns;Claudia Egerer-Sieber;Andrea Decker;Tihana Lenac Rovis;Jutta Eichler;Heinrich Sticht;Manfred Marschall;Yves A. Muller el at., The crystal structure of the varicella-zoster Orf24-Orf27 nuclear egress complex spotlights multiple determinants of herpesvirus subfamily specificity, , (2022)

[PMID:35074430](#)

Xiaowen Liu el at., The 'Go' and 'Stop' Mechanisms for Neutrophil Migration, , (2013)

[PMID:](#)

Yanlu Xiong;Jie Lei;Miaomiao Wen;Yongfu Ma;Jinbo Zhao;Yahui Tian;Zitong Wan;Xiaoyan Li;Jianfei Zhu;Wenchen Wang;Xiaohong Ji;Ying Sun;Jie Yang;Jiao Zhang;Shaowei Xin;Yang Liu;Lintao Jia;Yong Han;Tao Jiang el at., CENPF (+) cancer cells promote malignant progression of early-stage TP53 mutant lung adenocarcinoma., , (2025)

[PMID:40044674](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.