Product Datasheet

TAOK3 Antibody

Catalog No: #35201

Package Size: #35201-1 50ul #35201-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

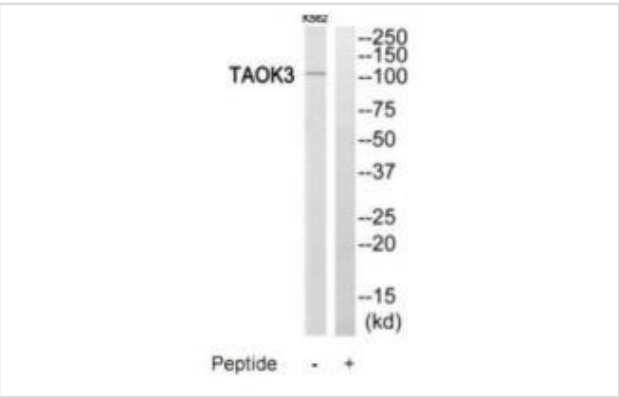
Description

Product Name	TAOK3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TAOK3 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human TAOK3.
Target Name	TAOK3
Other Names	Serine/threonine-protein kinase TAO3; Cutaneous T-cell lymphoma-associated antigen HD-CL-09; CTCL-associated antigen HD-CL-09; Dendritic cell-derived protein kinase; JNK/SAPK-inhibitory kinase
Accession No.	Swiss-Prot: Q9H2K8NCBI Gene ID: 51347
Uniprot	Q9H2K8
GeneID	51347;
SDS-PAGE MW	110kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from K562 cells, using TAOK3 antibody #35201.

Background

Serine/threonine-protein kinase that acts as a regulator of the p38/MAPK14 stress-activated MAPK cascade and of the MAPK8/JNK cascade. Acts as an activator of the p38/MAPK14 stress-activated MAPK cascade. In response to DNA damage, involved in the G2/M transition DNA damage checkpoint by activating the p38/MAPK14 stress-activated MAPK cascade, probably by mediating phosphorylation of upstream MAP2K3 and MAP2K6 kinases. Inhibits basal activity of MAPK8/JNK cascade and diminishes its activation in response epidermal growth factor (EGF).

Tassi E., J. Biol. Chem. 274:33287-33295(1999).

Zhang W., Biochem. Biophys. Res. Commun. 274:872-879(2000).

Yustein J.T., Oncogene 22:6129-6141(2003).

Note: This product is for in vitro research use only