

TNAP1 Antibody

Catalog No: #33873



Package Size: #33873-1 50ul #33873-2 100ul

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

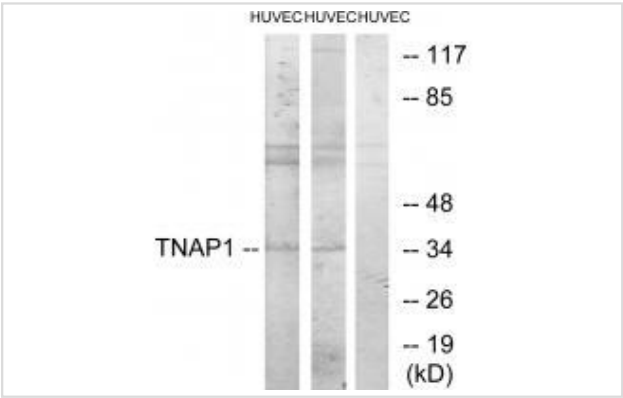
Description

Product Name	TNAP1 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 Ms Rt
Specificity	The antibody detects endogenous levels of total TNAP1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human TNAP1.
Target Name	TNAP1
Other Names	B12; B61; EDP1; MGC2317; TNAP1
Accession No.	Swiss-Prot: Q13829NCBI Gene ID: 7126
Uniprot	Q13829
GeneID	7126;
SDS-PAGE MW	34kd
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 HUVEC cells treated with PMA (125ng/ml, 30mins), and HUVEC cells treated with serum (20%, 30mins), using TNAP1 antibody #33873.

Background

Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex involved in regulation of cytoskeleton structure. The BCR(BACURD2) E3 ubiquitin ligase complex mediates the ubiquitination of RHOA, leading to its degradation by the proteasome, thereby regulating the actin cytoskeleton and cell migration. Its interaction with RHOB may regulate apoptosis. May enhance the PCNA-dependent DNA polymerase delta activity.

Wolf F.W., J. Biol. Chem. 267:1317-1326(1992).

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Nousiainen M., Proc. Natl. Acad. Sci. U.S.A. 103:5391-5396(2006).

Note: This product is for in vitro research use only