TXNIP Conjugated Antibody

Catalog No: #C49663

Package Size: #C49663-AF350 100ul #C49663-AF405 100ul #C49663-AF488 100ul #C49663-AF555 100ul #C49663-AF594 100ul #C49663-AF647 100ul #C49663-AF680 100ul #C49663-AF750 100ul #C49663-Biotin 100ul

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

Description

Product Name	TXNIP Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	EST01027 antibody HHCPA78 antibody THIF antibody Thioredoxin binding protein 2 antibody Thioredoxin interacting protein antibody Thioredoxin-binding protein 2 antibody Thioredoxin-interacting protein antibody TXNIP antibody TXNIP_HUMAN antibody Upregulated by 1,25 dihydroxyvitamin D 3 antibody VDUP1 antibody Vitamin D3 up-regulated protein 1 antibody
Accession No.	Swiss-Prot#:Q9H3M7
Uniprot	Q9H3M7
GeneID	10628;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	44 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

May act as an oxidative stress mediator by inhibiting thioredoxin activity or by limiting its bioavailability. Interacts with COPS5 and restores COPS5-induced suppression of CDKN1B stability, blocking the COPS5-mediated translocation of CDKN1B from the nucleus to the cytoplasm. Functions as a transcriptional repressor, possibly by acting as a bridge molecule between transcription factors and corepressor complexes, and over-expression will induce G0/G1 cell cycle arrest. Required for the maturation of natural killer cells.

Note: This product is for in vitro research use only