



Thioredoxin Interacting Protein mouse mAb

Catalog No	YP-mAb-17852
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TXNIP
Immunogen	A synthesized peptide derived from human TXNIP
Specificity	
Formulation	
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Thioredoxin binding protein 2;thioredoxin interacting protein;Thioredoxin-binding protein 2;Thioredoxin-interacting protein;VDUP1;TXNIP;HHCPA78;THIF
Observed Band	Calculated MW: 44 kDa; Observed MW: 53 kDa
Calculated Molecular Weight	Calculated MW: 44 kDa; Observed MW: 53 kDa
Cell Pathway	
Tissue Specificity	
Function	
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.
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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