

Datasheet for ABIN567793

anti-TXNIP antibody**2** Images[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	TXNIP
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TXNIP antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Human recombinant VDUP-1/Txnip.
Clone:	JY1
Isotype:	IgG2b
Specificity:	This antibody reacts with VDUP-1 (50 kDa) by Western blotting.
Purification:	Protein-A Agarose Chromatography of hybridoma supernatant.

Target Details

Target:	TXNIP
Alternative Name:	TXNIP / VDUP1 (TXNIP Products)
Background:	Vitamin D3 up-regulated protein 1 (VDUP-1), also called Thioredoxin (TRX)-interacting protein, is an endogenous inhibitor of TRX. Redox-dependent regulation of VDUP-1 by mitogenic factors

Target Details

through Reactive oxygen species (ROS) and the specific binding of VDUP-1 to the redox-sensitive cysteine-sulfide center of TRX modulate intracellular levels of ROS and the mitogenic activity of TRX. Synonyms: Thioredoxin-binding protein 2, Thioredoxin-interacting protein, Vitamin D3 up-regulated protein 1

Gene ID: 10628

NCBI Accession: [NP_006463](#)

UniProt: [Q9H3M7](#)

Pathways: [Protein targeting to Nucleus](#), [Platelet-derived growth Factor Receptor Signaling](#), [Inflammasome](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

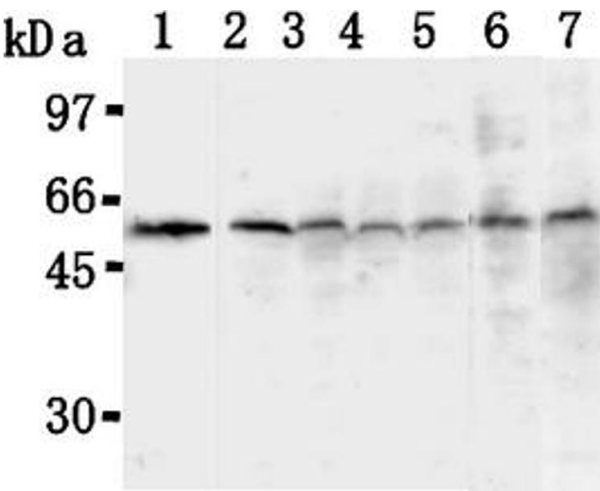
Buffer: PBS, pH 7.2 containing 50 % Glycerol without preservatives.

Preservative: Without preservative

Handling Advice: Avoid repeated freezing and thawing.

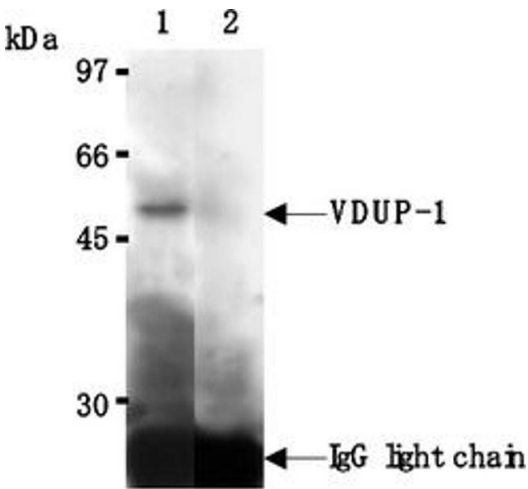
Storage: -20 °C

Storage Comment: Store the antibody (in aliquots) at -20 °C.



Western Blotting

Image 1.



Western Blotting

Image 2.