Datasheet for ABIN567794

anti-TXNIP antibody

2 Images

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Overview

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

Product Details

Immunogen:	Human recombinant VDUP-1/Txnip.
Clone:	JY2
Isotype:	IgG1
Specificity:	This antibody reacts with Txnip/VDUP1 (50 kDa) on Western blotting and Immunoprecipitation.
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

Target Details

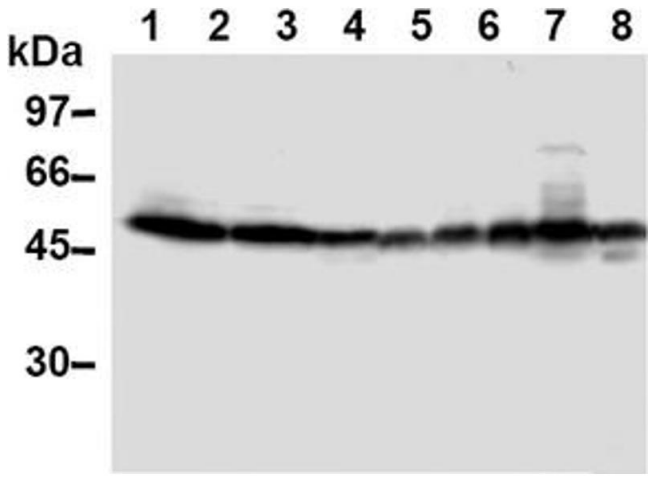
	an endogenous inhibitor of TRX. Redox-dependent regulation of VDUP-1 by mitogenic factors through Reactive oxygen species (ROS) and the specific binding of VDUP-1 to the redox-sensitive cysteine-sulfide center of TRX modulate intracellular levels of ROS and the mitogenic activity of TRX. It has been reported that Txnip plays important roles in diverse cellular processes, including the regulation of cellular redox balance, apoptosis, proliferation, and differentiation.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

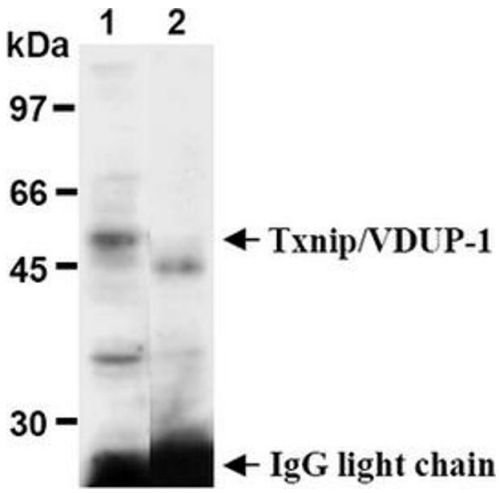
Handling

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.

