

## Anti-TXNIP antibody (1-166) (STJ113636)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

### PRODUCT PROPERTIES

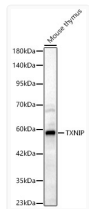
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 44kDa Observed Mw: 55kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

Gene ID	<a href="#">10628</a>
Gene Symbol	<a href="#">TXNIP</a>
UniProt ID	<a href="#">TXNIP_HUMAN</a>
Immunogen Region	1-166
Immunogen Sequence	MVMFKKIKSFEVVFNDPEKV YGSGEKVAGRVIVEVCEVTR VKAVRILACGVAKVLWMQGS QQCKQTSEYLRVEDTLLED QPTGENEMVIMRPGNKYEYK FGFELPQGPLGTSFKGKYGC VDYWVKAFLDRPSQPTQETK KNFEVVDLVDVNTPDLMAPV SAKKEK
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-166 of human TXNIP (NP_006463.3).

### ADDITIONAL INFORMATION

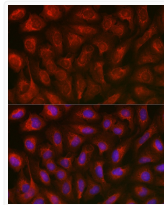
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



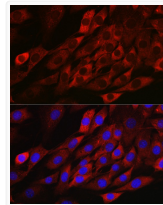
Western blot analysis of lysates from Mouse thymus, using TXNIP Rabbit pAb (STJ113636) at 1:2000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.

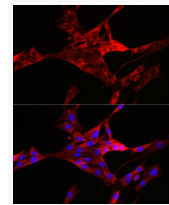
Lysates/proteins: 25 µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit  
 Exposure time: 60s.



Immunofluorescence analysis of U2OS cells using TXNIP Rabbit pAb (STJ113636) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using TXNIP Rabbit pAb (STJ113636) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using TXNIP Rabbit pAb (STJ113636) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.