TWEAK Antibody

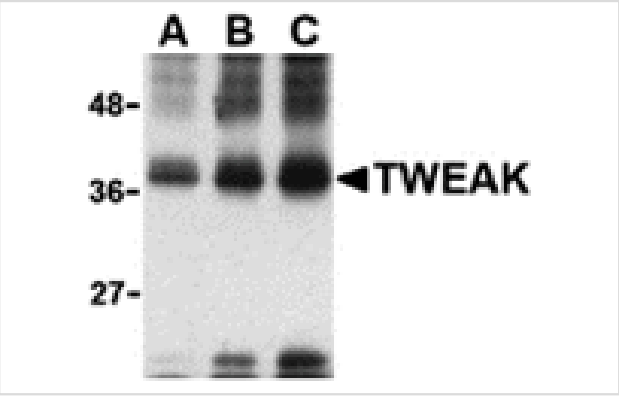
Catalog No: #24409

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

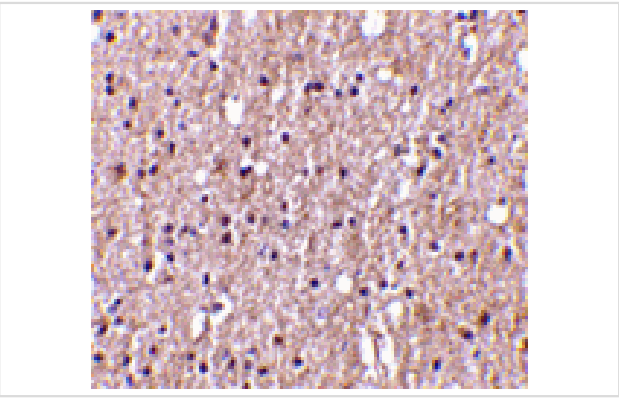
Description

Product Name	TWEAK Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified IgG
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Recombinant Protein
Immunogen Description	Raised against recombinant human TWEAK.
Target Name	TWEAK
Other Names	TNF-related weak inducer of apoptosis, TNF ligand superfamily member 12
Accession No.	Swiss-Prot:O43508Gene ID:407977
Uniprot	O43508
GeneID	407977;8742;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

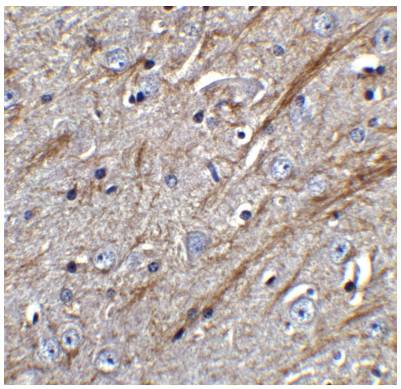
Images



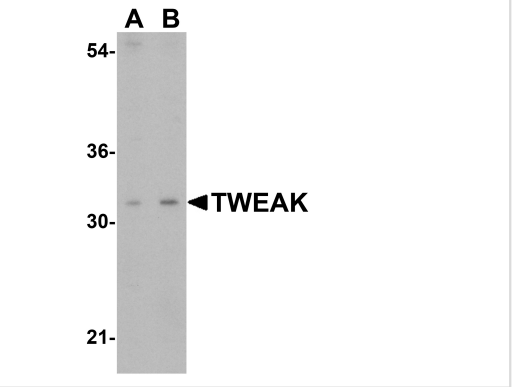
Western blot analysis of (A) 5 ng, (B) 25 ng and (C) 50 ng of recombinant TWEAK with TWEAK antibody at 1 ug/mL.



Immunohistochemistry of TWEAK in human brain tissue with TWEAK antibody at 10 ug/mL.



Immunohistochemistry of TWEAK in mouse brain tissue with TWEAK antibody at 5 µg/mL.



Western blot analysis of TWEAK in HeLa cell lysate with TWEAK antibody at (A) 1 and (B) 2 µg/mL.

Background

TNF-related weak inducer of apoptosis (TWEAK) is a member of the tumor necrosis factor superfamily (TNFSF) of structurally related cytokines. Like most other members of this family, TWEAK is a cell surface-associated type II transmembrane protein although a smaller, biologically active form can also be generated by cleavage near the cell membrane. TWEAK has multiple biological activities, including stimulation of cell growth and angiogenesis, induction of inflammatory cytokines, in addition to stimulation of apoptosis. The TWEAK signal transduction pathway has not been well established but it appears to signal via TweakR/Fn14 in a manner similar to that described for other TNFSF members that bind receptors lacking death domains.

Note: This product is for in vitro research use only