

## Rabbit TWEAK Polyclonal Antibody | anti-TWEAK antibody

TWEAK Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA301626 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

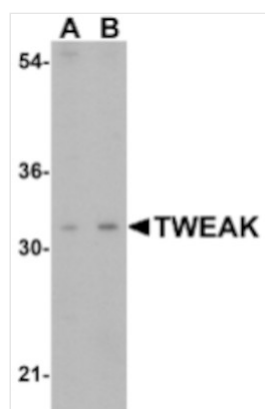
### PRODUCT SYNONYMS

TWEAK; Polyclonal Antibody; TWEAK Antibody; TNF-related weak inducer of apoptosis; TNF ligand superfamily member 12; anti-TWEAK antibody

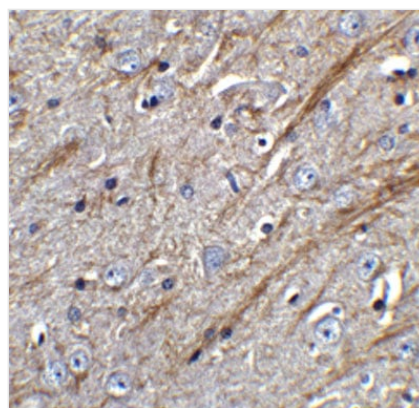
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                        |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                 |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                      |
| Clonality                                       | Polyclonal                                                                                                                                                                                             |
| Purity/Purification                             | Purified IgG                                                                                                                                                                                           |
| Form/Format                                     | Supplied in PBS containing 0.02% sodium azide.                                                                                                                                                         |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                                                                                                                 |
| Sequence Length                                 | 249                                                                                                                                                                                                    |
| Applicable Applications for anti-TWEAK antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                                   |
| Immunogen Type                                  | Recombinant protein                                                                                                                                                                                    |
| Immunogen Description                           | Raised against recombinant human TWEAK.                                                                                                                                                                |
| Target Name                                     | TWEAK                                                                                                                                                                                                  |
| Preparation and Storage                         | Can be stored at -20 degree 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. |

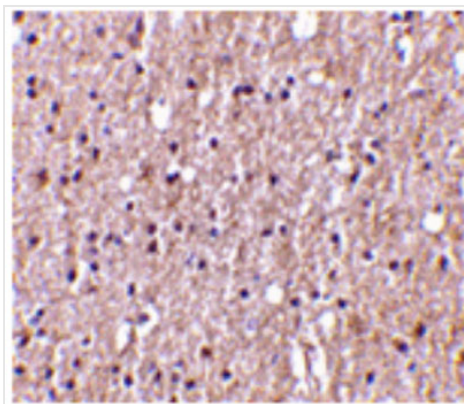
### IMAGES


**WB (Western Blot)**

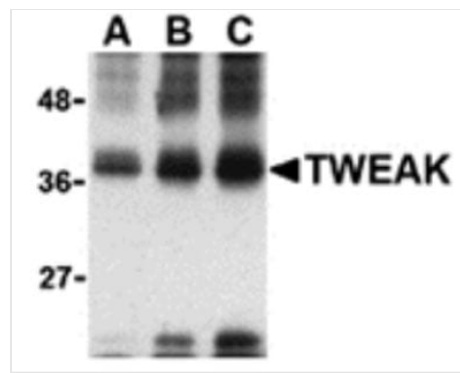
Western blot analysis of TWEAK in HeLa cell lysate with TWEAK antibody at (A) 1 and (B) 2 ug/mL.


**IHC (Immunohistochemistry)**

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



**IHC (Immunohistochemistry)**  
Immunohistochemistry of TWEAK in human brain tissue with TWEAK antibody at 10 ug/mL.



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

## ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-TWEAK antibody</b> | 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. |
| <b>Product Categories/Family for anti-TWEAK antibody</b>   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                               |
|-----------------------------------------|---------------------------------------------------------------|
| <b>NCBI GI #</b>                        | 4507597                                                       |
| <b>NCBI GeneID</b>                      | 8742                                                          |
| <b>NCBI Accession #</b>                 | NP_003800                                                     |
| <b>NCBI GenBank Nucleotide #</b>        | NM_003809.2                                                   |
| <b>NCBI Official Full Name</b>          | tumor necrosis factor ligand superfamily member 12 proprotein |
| <b>NCBI Official Synonym Full Names</b> | tumor necrosis factor (ligand) superfamily, member 12         |
| <b>NCBI Official Symbol</b>             | TNFSF12                                                       |
| <b>NCBI Official Synonym Symbols</b>    | APO3L; DR3LG; TWEAK                                           |
| <b>NCBI Protein Information</b>         | tumor necrosis factor ligand superfamily member 12            |
| <b>UniProt Protein Name</b>             | Tumor necrosis factor ligand superfamily member 12            |
| <b>UniProt Gene Name</b>                | TNFSF12                                                       |
| <b>UniProt Synonym Gene Names</b>       | APO3L; DR3LG; TWEAK                                           |
| <b>UniProt Entry Name</b>               | TNF12_HUMAN                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tweak-antibody-immunohistochemistry-western-blot-elisa/301626>