

TROY/TAJ Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10413**Specification**

TROY/TAJ Antibody - Product Information

Application	WB
Primary Accession	O9JLL3
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	45265

TROY/TAJ Antibody - Additional Information**Gene ID** 29820**Application & Usage**

Western blotting (1-4 µg/ml). However, the optimal concentrations should be determined individually. The antibody recognizes mouse TROY. Reactivity to other species has not been tested.

Other Names

TAJ alpha , TAJ , TNFRSF 19 , TRADE , Tnfrsf19 , AL023044 , AW123854 , TRADE , Tnfrsf20 , Troy

Target/Specificity

TROY/TAJ

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

TROY/TAJ Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TROY/TAJ Antibody - Protein Information

Name Tnfrsf19

Synonyms Taj, Troy

Function

Can mediate activation of c-Jun and NF-kappa-B. May promote caspase-independent cell death (By similarity). Isoform 2 and isoform 3 may act as decoy receptors.

Cellular Location

[Isoform 1]: Cell membrane; Single- pass type I membrane protein [Isoform 4]: Cell membrane; Single- pass type I membrane protein

Tissue Location

Highly expressed in adult brain, and in embryos from day 11-17, but not earlier. Detected in embryonic brain and epithelium, and at lower levels in adult heart, lung and liver. In neonatal mice, mainly in hair follicles and neuron-like cells in the cerebellum, but not in the skin epidermis. Isoform 3 was found in embryonic day 17.5 skin but not in brain and liver

TROY/TAJ Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TROY/TAJ Antibody - Images

TROY/TAJ Antibody - Background

TROY (also designated TAJ), a member of the TNFR superfamily, exists as several isoforms that vary in functions. Full length TROY contains a cytoplasmic tail, which recruits tumor necrosis factor receptor-associated factor (TRAF) 2. The interaction between TROY and TRAF2 promotes cell survival through the NFkB signaling pathway. One truncated version of TROY, designated TNFRSF19, contains a shortened cytoplasmic tail, which prevents TNFRSF19 from activating the NFkB signal transduction pathway.