

TNFRSF1A / TNFR1 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS12817

Specification

TNFRSF1A / TNFR1 Antibody - Product Information

Application	IHC
Primary Accession	P19438
Reactivity	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Pig, Sheep, Yeast, Xenopus, Bovine, Dog, Drosophila
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50kDa KDa

TNFRSF1A / TNFR1 Antibody - Additional Information

Gene ID 7132

Other Names

Tumor necrosis factor receptor superfamily member 1A, Tumor necrosis factor receptor 1, TNF-R1, Tumor necrosis factor receptor type I, TNF-RI, TNFR-I, p55, p60, CD120a, Tumor necrosis factor receptor superfamily member 1A, membrane form, Tumor necrosis factor-binding protein 1, TBPI, TNFRSF1A, TNFAR, TNFR1

Reconstitution & Storage

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

TNFRSF1A / TNFR1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TNFRSF1A / TNFR1 Antibody - Protein Information

Name TNFRSF1A

Synonyms TNFAR, TNFR1

Function

Receptor for TNFSF2/TNF-alpha and homotrimeric TNFSF1/lymphotoxin-alpha. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Contributes to the induction of non-cytocidal TNF effects including anti-viral state and activation of the acid sphingomyelinase.

Cellular Location

Cell membrane; Single-pass type I membrane protein Golgi apparatus membrane; Single-pass

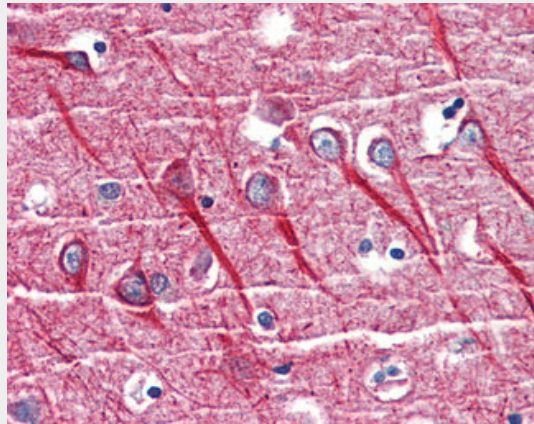
type I membrane protein. Secreted. Note=A secreted form is produced through proteolytic processing

TNFRSF1A / TNFR1 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](#)

TNFRSF1A / TNFR1 Antibody - Images



Anti-TNFR1 antibody IHC of human brain, cortex.

TNFRSF1A / TNFR1 Antibody - Background

Receptor for TNFSF2/TNF-alpha and homotrimeric TNFSF1/lymphotoxin-alpha. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Contributes to the induction of non-cytocidal TNF effects including anti-viral state and activation of the acid sphingomyelinase.

TNFRSF1A / TNFR1 Antibody - References

- Loetscher H., et al. Cell 61:351-359(1990).
Schall T.J., et al. Cell 61:361-370(1990).
Himmler A., et al. DNA Cell Biol. 9:705-715(1990).
Nophar Y., et al. EMBO J. 9:3269-3278(1990).
Gray P.W., et al. Proc. Natl. Acad. Sci. U.S.A. 87:7380-7384(1990).