

FSTL4 Rabbit pAb

Catalog No.: A18233

Basic Information

Observed MW

85kDa

Calculated MW

93kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

Predicted to enable brain-derived neurotrophic factor binding activity and calcium ion binding activity. Predicted to be involved in cell differentiation. Predicted to act upstream of or within negative regulation of brain-derived neurotrophic factor receptor signaling pathway; negative regulation of collateral sprouting; and negative regulation of dendritic spine development. Predicted to be located in extracellular region and secretory granule.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

23105

Swiss Prot

Q6MZW2

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 22-250 of human FSTL4 (NP_055897.1).

Synonyms

FSTL4

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

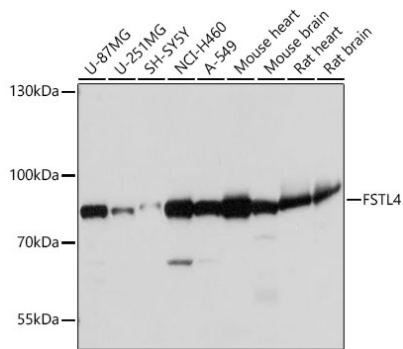
Affinity purification

Storage

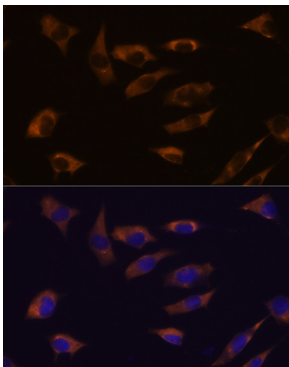
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using FSTL4 Rabbit pAb (A18233) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 2s.



Immunofluorescence analysis of L929 cells using FSTL4 Rabbit pAb (A18233) at dilution of 1:100. Blue: DAPI for nuclear staining.