

## TAGLN3 Polyclonal Antibody

Catalog number: 12246-1-AP

Size: 42 µg/150 µl

Source: Rabbit

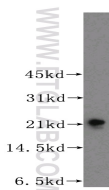
Isotype: IgG

Synonyms:

TAGLN3; Neuronal protein 22,

Neuronal protein NP25,

TAGLN3, transgelin 3



mouse brain tissue were subjected to SDS PAGE followed by western blot with 12246-1-AP (TAGLN3 antibody) at dilution of 1:800

### Background

The transgelin family is a group of proteins that belong to 22kd actin-related corpnin superfamily. Of all three isoforms, transgelin 1 is the best characterized. Transgelin 1, also known as SM22alpha, is a specific marker for differentiated smooth muscle cells. Transgelin 2, also known as SM22 beta, is expressed by both smooth muscle and non-smooth muscle cells in a temporally and spatially regulated pattern. Transgelin 3, also known as NP25, is only found in highly differentiated neuronal cells. This antibody was generated against full length transgelin 3 protein. It may cross-react with other two transgelins based on the sequence similarity.

### Applications

Tested applications:	ELISA, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated TAGLN3 MW:	199aa, 22.4 kDa
Observed TAGLN3 MW:	22.4 kDa
Positive WB detected in	Mouse brain tissue
Recommended dilution:	WB: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag2891
GenBank accession number:	BC015329
Gene ID (NCBI):	29114
Full name:	Transgelin 3

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.