

For Research Use Only

TAGLN3-Specific Polyclonal antibody



Catalog Number: 18297-1-AP

Basic Information

Catalog Number:

18297-1-AP

Size:

290 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC015329

GeneID (NCBI):

29114

UNIPROT ID:

Q9UI15

Full Name:

transgelin 3

Calculated MW:

25 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human

Background Information

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. Trangenlin 3, also known as NP25, is only found in highly differentiated neuronal cells. Due to a varied expression pattern, transgelin-3 may play different roles in the developing and adult brain. The antibody is specifically against NP25. It will not recognize other transgelins.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data