

# 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. Transgelin 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:

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