

# transgelin Recombinant antibody

**Cat:**B36405S**Company:** HaoKebio**Uniprot ID:**Q01995**Applications:** IHC:1:50-1:500**Organism:**Rabbit

IHC-Polymer:1:200-1:2000

**Species reactivity:**Human Mouse Rat

IHC-TSA:1:250-1:2500

**Molecular Weight Calculation:** 22 kDa

WB:1:5000-1:50000

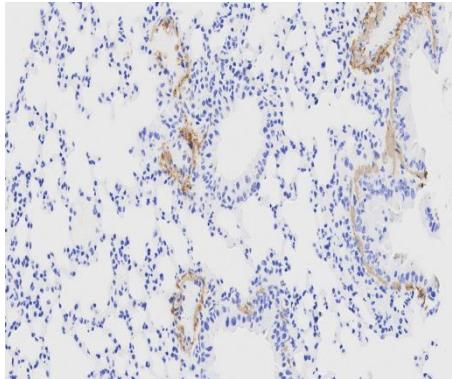
**Observed Molecular Weight:** 19-22 kDa**Background:**

The transgelin family is a protein group belonging to the 22kd actin-related calponin superfamily. Of all three isoforms, transgelin 1 is the best characterized. Transgelin 1, or SM22alpha, is a specific marker for differentiated smooth muscle cells. Transgelin 2, also known as SM22 beta, is expressed by both smooth 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 1 protein. It can cross-react with other two transgenes based on the sequence similarity.

Store at -20 °C for one year.

**Experimental procedure:**

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

**Images:**

Sample: Mouse lung, 4% PFA 12-24h

**Source of Reagents:**

发表[中文论文]请标注:transgelin(B36405S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:transgelin(B36405S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

**Synonyms:**

SM22, transgelin, 22 kDa actin-binding protein, 240864A11, Protein WS3-10

**Immunogen:**

Recombinant protein

**Isotype:**

IgG

**Subcellular location:**

Cytoplasm

**Purity:**

Affinity purification

**Form:**

Liquid

**Storage Buffer:**

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

**Storage:**