

DOG-1/TMEM16A Rabbit mAb

Catalog No.: A28584 **Recombinant**

Basic Information

Observed MW

150 kDa

Calculated MW

74-120 kDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC79124

Background

Enables identical protein binding activity; iodide transmembrane transporter activity; and ligand-gated monoatomic ion channel activity. Involved in several processes, including monoatomic anion transport; mucus secretion; and positive regulation of insulin secretion involved in cellular response to glucose stimulus. Located in apical plasma membrane and nucleoplasm. Implicated in Moyamoya disease.

Recommended Dilutions

WB 1:2000 - 1:5000

IHC-P 1:2000 - 1:8000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000) a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID

55107

Swiss Prot

Q5XXA6

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

DOG1; INDMS; TAOS2; ORAOV2; TMEM16A; MYMY7

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

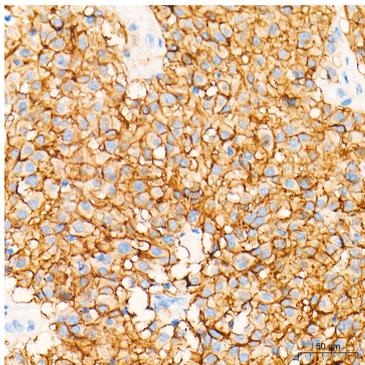
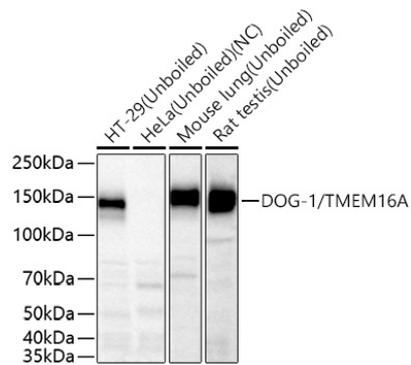
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Validation Data



Immunohistochemistry analysis of paraffin-embedded Human gastrointestinal stromal tumors tissue using DOG-1/TMEM16A Rabbit mAb (A28584) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.