

[KO Validated] FAM38A/PIEZO1 Rabbit mAb

Catalog No.: A23380 **KO Validated** **Recombinant** **7 Publications**

Basic Information

Observed MW

287kDa

Calculated MW

287kDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC60118

Background

The protein encoded by this gene is a mechanically-activated ion channel that links mechanical forces to biological signals. The encoded protein contains 36 transmembrane domains and functions as a homotetramer. Defects in this gene have been associated with dehydrated hereditary stomatocytosis.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:200 - 1:800

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

9780

Swiss Prot

Q92508

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

ER; DHS; Mib; LMPH3; FAM38A; LMPHM6; FAM38A/PIEZO1

Contact

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 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

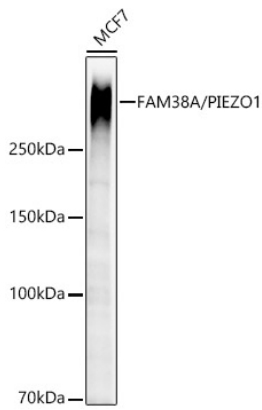
Affinity purification

Storage

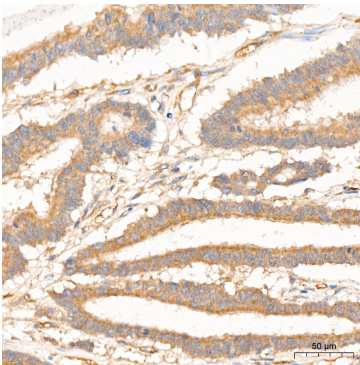
Store at -20°C. Avoid freeze / thaw cycles.

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

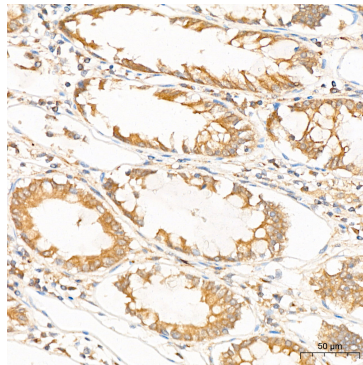
Validation Data



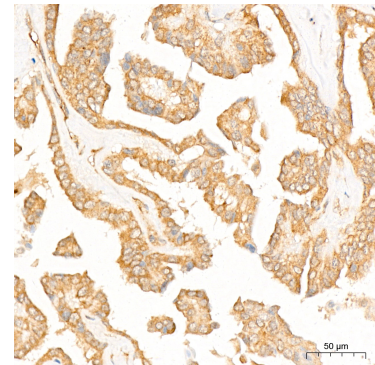
Western blot analysis of lysates from MCF7 cells using [KO Validated] FAM38A/PIEZO1 Rabbit mAb (A23380) at 1:1000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 60 s.



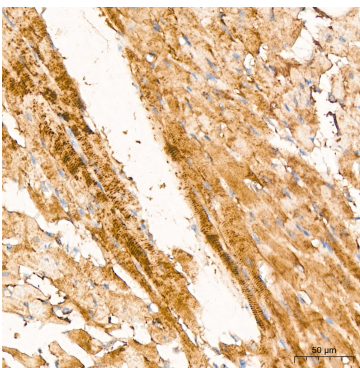
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using [KO Validated] FAM38A/PIEZO1 Rabbit mAb (A23380) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



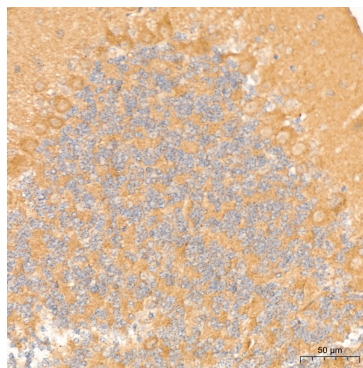
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using [KO Validated] FAM38A/PIEZO1 Rabbit mAb (A23380) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using [KO Validated] FAM38A/PIEZO1 Rabbit mAb (A23380) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat heart tissue using [KO Validated] FAM38A/PIEZO1 Rabbit mAb (A23380) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using [KO Validated] FAM38A/PIEZO1 Rabbit mAb (A23380) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.