

Villin Rabbit mAb

Catalog No.: A22051 **Recombinant**

Basic Information

Observed MW

93kDa

Calculated MW

93kDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC54727

Background

This gene encodes a member of a family of calcium-regulated actin-binding proteins. This protein represents a dominant part of the brush border cytoskeleton which functions in the capping, severing, and bundling of actin filaments. Two mRNAs of 2.7 kb and 3.5 kb have been observed; they result from utilization of alternate poly-adenylation signals present in the terminal exon.

Recommended Dilutions

WB 1:2000 - 1:20000

IHC-P 1:200 - 1:500

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

Immunogen Information

Gene ID

7429

Swiss Prot

P09327

Immunogen

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

Synonyms

VIL; D2S1471; Villin

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

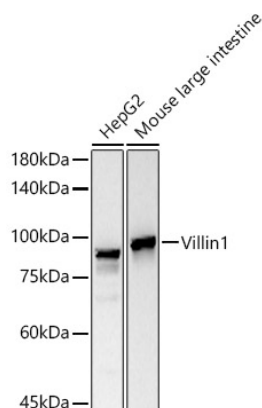
Affinity purification

Storage

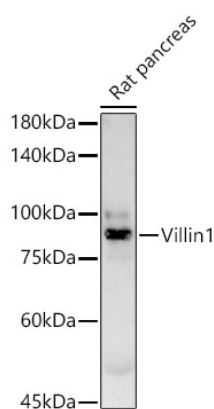
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

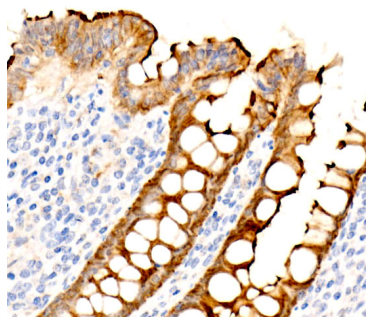
Validation Data



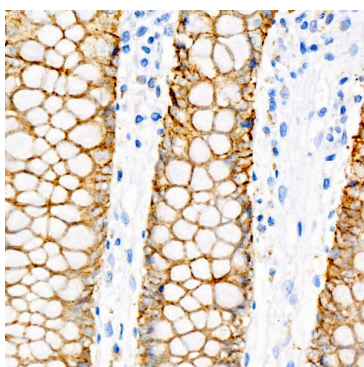
Western blot analysis of various lysates using Villin Rabbit mAb (A22051) at 1:20000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 10s.



Western blot analysis of lysates from Rat pancreas, using Villin Rabbit mAb (A22051) at 1:20000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human appendix using Villin1 Rabbit mAb (A22051) at dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon using Villin1 Rabbit mAb (A22051) at dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.