

FERMT2 Rabbit pAb

Catalog No.: A8709

Basic Information

Observed MW

78kDa

Calculated MW

78kDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

Enables several functions, including actin binding activity; phosphatidylinositol-3,4,5-trisphosphate binding activity; and type I transforming growth factor beta receptor binding activity. Involved in several processes, including cell surface receptor signaling pathway; positive regulation of cell differentiation; and positive regulation of cellular component biogenesis. Acts upstream of or within cell adhesion and protein localization to cell junction. Located in cytosol; focal adhesion; and nucleoplasm. Is extrinsic component of cytoplasmic side of plasma membrane. Part of adherens junction and plasma membrane. Biomarker of acute myeloid leukemia.

Recommended Dilutions

WB 1:1000 - 1:2000

IHC-P 1:100 - 1:500

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

Immunogen Information

Gene ID

10979

Swiss Prot

Q96AC1

Immunogen

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

Synonyms

MIG2; KIND2; mig-2; UNC112; PLEKHC1; UNC112B; FERMT2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

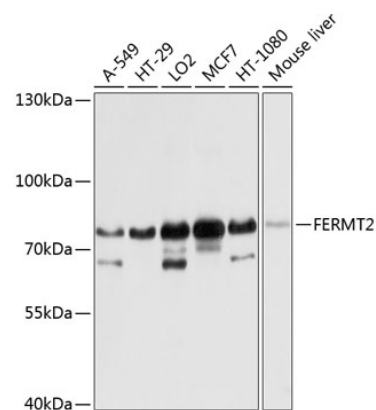
Affinity purification

Storage

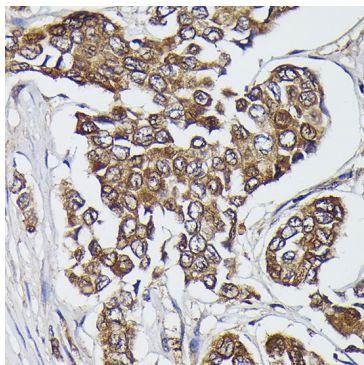
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

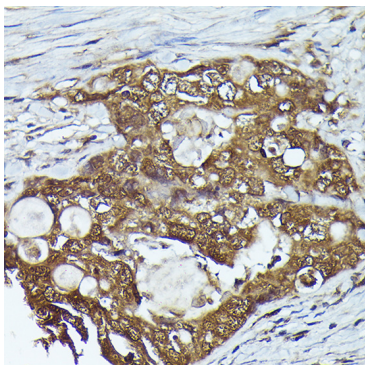
Validation Data



Western blot analysis of various lysates using FERMT2 Rabbit pAb (A8709) at 1:1000 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: 5s.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using FERMT2 Rabbit pAb (A8709) at dilution of 1:300 (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 carcinoma using FERMT2 Rabbit pAb (A8709) at dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.