

Ezrin Rabbit pAb

Catalog No.: A0703

Basic Information

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A0703

Observed MW

90kDa

Calculated MW

69kDa

Category

Primary antibody

Applications

WB, IHC, IF, IP

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:100
IF	1:50 - 1:100
IP	1:50 - 1:100

Contact

 | www.abclonal.com

Background

The cytoplasmic peripheral membrane protein encoded by this gene functions as a protein-tyrosine kinase substrate in microvilli. As a member of the ERM protein family, this protein serves as an intermediate between the plasma membrane and the actin cytoskeleton. This protein plays a key role in cell surface structure adhesion, migration and organization, and it has been implicated in various human cancers. A pseudogene located on chromosome 3 has been identified for this gene. Alternatively spliced variants have also been described for this gene.

Immunogen Information

Gene ID	Swiss Prot
7430	P15311

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 350-470 of human Ezrinin (NP_003370.2).

Synonyms

CVIL;CVL;HEL-S-105;VIL2;EZR;Ezrin;ezrin

Product Information

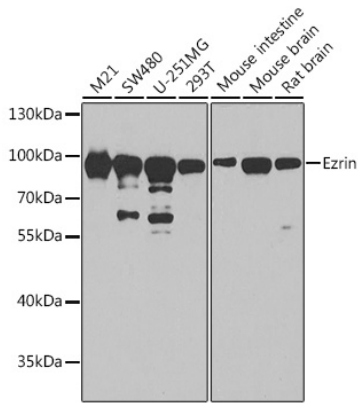
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

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 extracts of various cell lines, using Ezrinin antibody (A0703) at 1:1000 dilution.

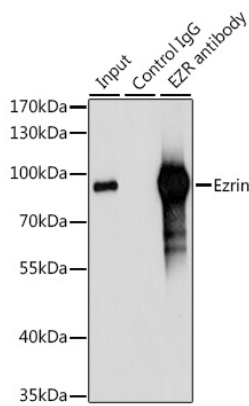
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

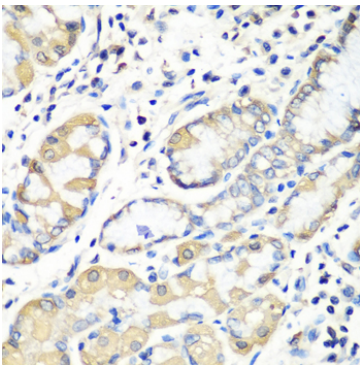
Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.

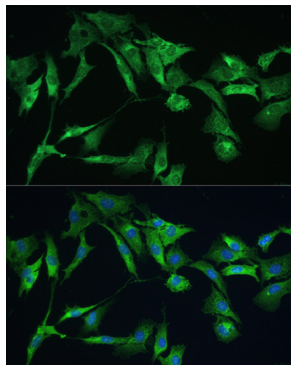


Immunoprecipitation analysis of 200ug extracts of 293T cells, using 3 ug Ezrinin antibody (A0703).

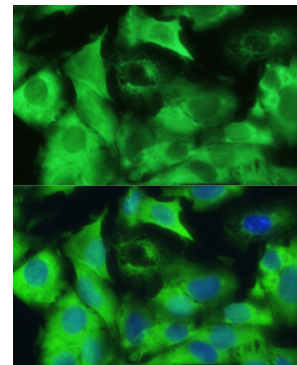
Western blot was performed from the immunoprecipitate using Ezrinin antibody (A0703) at a dilution of 1:1000.



Immunohistochemistry of paraffin-embedded human stomach using Ezrinin antibody (A0703) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of C6 cells using Ezrinin antibody (A0703) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using Ezrinin antibody (A0703) at dilution of 1:100. Blue: DAPI for nuclear staining.