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Phospho-Ezrin-Y353 Rabbit pAb

Catalog No.: AP1118

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Basic Information

Observed MW
70kDa

Calculated MW
69kDa

Category
Polyclonal Antibodies

Applications
WB, ELISA

Cross Reactivity
Human

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.

Recommended Dilutions

WB	1:500 - 1:2000

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

Immunogen Information

Gene ID
7430

Swiss-Prot
P15311

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

Synonyms
CVL; CVIL; VIL2; HEL-S-105; Phospho-Ezrin-Y353

Contact

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Product Information

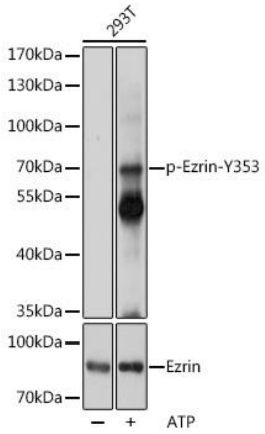
Source
Rabbit

Isotype
IgG

Purity
Affinity purification

Storage
Store at -20℃
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from 293T cells using Phospho-Ezrin-Y353 Rabbit pAb (AP1118) at 1:1000 dilution incubated overnight at 4℃. 293T cells were treated with ATP (5 mM) at 30℃ for 1 hour.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1 s.

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