

Ezrin Polyclonal Antibody

Catalog # AP69833

Specification

Ezrin Polyclonal Antibody - Product Information

Application WB
Primary Accession P15311

Reactivity Human, Mouse, Rat Rabbit

Clonality Rappit
Polyclonal

Ezrin Polyclonal Antibody - Additional Information

Gene ID 7430

Other Names

EZR; VIL2; Ezrin; Cytovillin; Villin-2; p81

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Ezrin Polyclonal Antibody - Protein Information

Name EZR

Synonyms VIL2

Function

Probably involved in connections of major cytoskeletal structures to the plasma membrane. In epithelial cells, required for the formation of microvilli and membrane ruffles on the apical pole. Along with PLEKHG6, required for normal macropinocytosis.

Cellular Location

Apical cell membrane; Peripheral membrane protein; Cytoplasmic side. Cell projection. Cell projection, microvillus membrane; Peripheral membrane protein; Cytoplasmic side. Cell projection, ruffle membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm, cell cortex. Cytoplasm, cytoskeleton. Cell projection, microvillus {ECO:0000250|UniProtKB:P26040}. Note=Localization to the apical membrane of parietal cells depends on the interaction with PALS1 Localizes to cell extensions and peripheral processes of astrocytes (By similarity). Microvillar peripheral membrane protein (cytoplasmic side). {ECO:0000250|UniProtKB:P31977}

Tissue Location





Tel: 858.875.1900 Fax: 858.875.1999

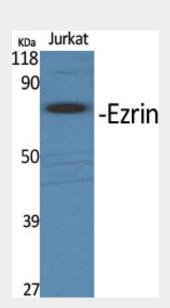
Expressed in cerebral cortex, basal ganglia, hippocampus, hypophysis, and optic nerve. Weakly expressed in brain stem and diencephalon. Stronger expression was detected in gray matter of frontal lobe compared to white matter (at protein level). Component of the microvilli of intestinal epithelial cells. Preferentially expressed in astrocytes of hippocampus, frontal cortex, thalamus, parahippocampal cortex, amygdala, insula, and corpus callosum. Not detected in neurons in most tissues studied

Ezrin Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

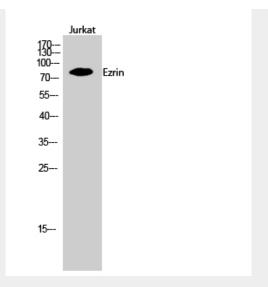
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Ezrin Polyclonal Antibody - Images

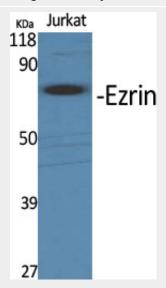


Western Blot analysis of various cells using Ezrin Polyclonal Antibody

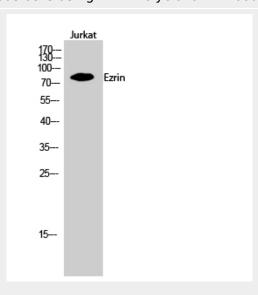




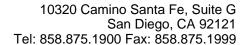
Western Blot analysis of Jurkat cells using Ezrin Polyclonal Antibody



Western Blot analysis of various cells using Ezrin Polyclonal Antibody



Western Blot analysis of Jurkat cells using Ezrin Polyclonal Antibody





Ezrin Polyclonal Antibody - Background

Probably involved in connections of major cytoskeletal structures to the plasma membrane. In epithelial cells, required for the formation of microvilli and membrane ruffles on the apical pole. Along with PLEKHG6, required for normal macropinocytosis.