

## Ezrin Polyclonal Antibody

Catalog # AP69834

### Specification

#### Ezrin Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	<a href="#">P15311</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	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. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

IHC-P~~N/A

##### 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

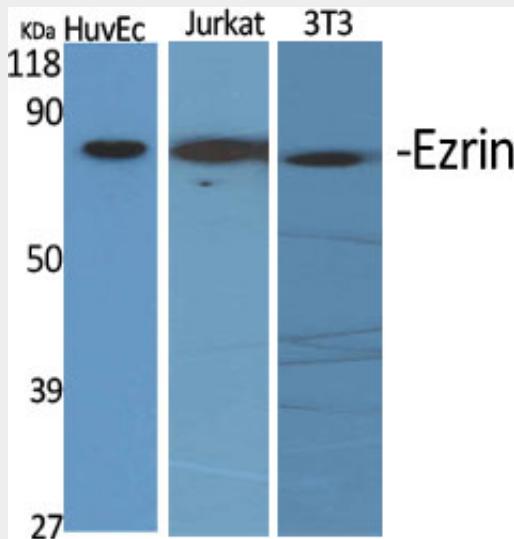
Expressed in cerebral cortex, basal ganglia, hippocampus, hypophysis, and optic nerve. Weakly expressed in brain stem and diencephalon. Stronger expression was detected in gray matter of frontal lobe compared to white matter (at protein level). Component of the microvilli of intestinal epithelial cells. 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

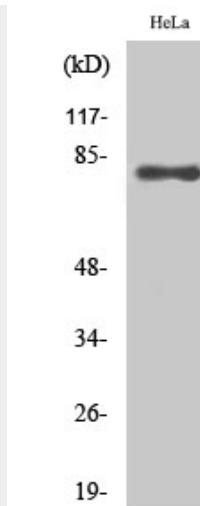
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

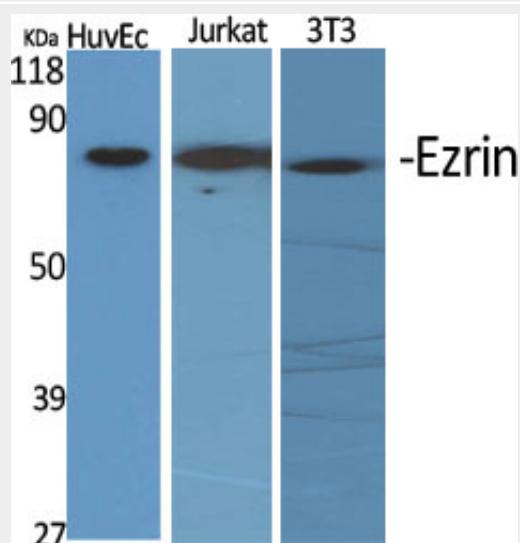
### Ezrin Polyclonal Antibody - Images



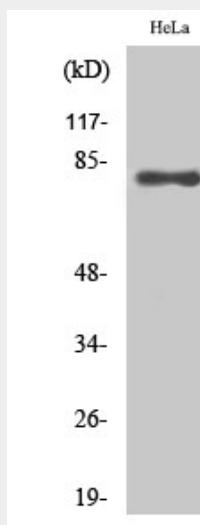
Western Blot analysis of various cells using Ezrin Polyclonal Antibody diluted at 1:2000



Western Blot analysis of MCF7 cells using Ezrin Polyclonal Antibody diluted at 1:2000



Western Blot analysis of various cells using Ezrin Polyclonal Antibody diluted at 1:2000



Western Blot analysis of MCF7 cells using Ezrin Polyclonal Antibody diluted at 1:2000

### **Ezrin Polyclonal Antibody - Background**

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