10320 Camino Santa Fe, Suite G
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EZR / Ezrin Antibody (aa511-560)
Rabbit Polyclonal Antibody
Catalog # ALS15042

Specification

EZR / Ezrin Antibody (aa511-560) - Product Information

Application	**WB, IHC**
Primary Accession	P15311
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**69kDa KDa**

EZR / Ezrin Antibody (aa511-560) - Additional Information

Gene ID 7430

Other Names
Ezrin, Cytovillin, Villin-2, p81, EZR, VIL2

Target/Specificity
Ezrin Antibody detects endogenous levels of total Ezrin protein.

Reconstitution & Storage
Store at -20°C for up to one year.

Precautions
EZR / Ezrin Antibody (aa511-560) is for research use only and not for use in diagnostic or therapeutic procedures.

EZR / Ezrin Antibody (aa511-560) - 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

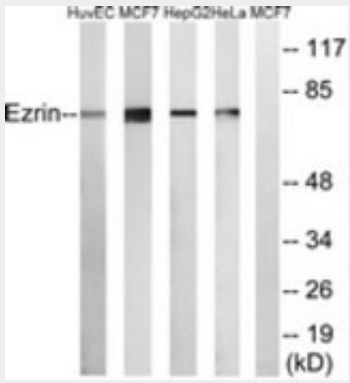
Volume
50 µl

EZR / Ezrin Antibody (aa511-560) - Protocols

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

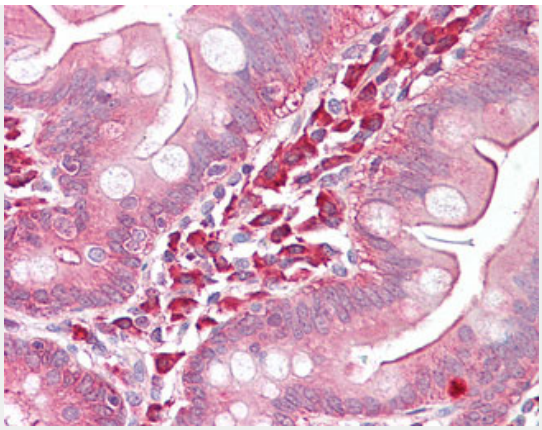
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

EZR / Ezrin Antibody (aa511-560) - Images

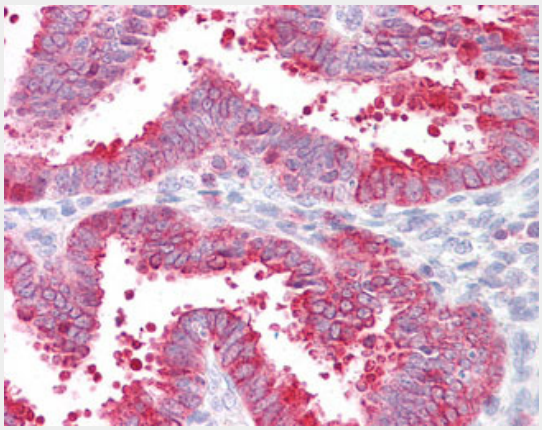


Western blot of extracts from HUVEC/MCF-7/HepG2/HeLa cells, using Ezrin Antibody.

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Anti-EZR / Ezrin antibody IHC of human small intestine.



Anti-EZR / Ezrin antibody IHC of human uterus.

EZR / Ezrin Antibody (aa511-560) - Background

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EZR / Ezrin Antibody (aa511-560) - References

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Turunen O.,et al.J. Biol. Chem. 264:16727-16732(1989).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Mungall A.J.,et al.Nature 425:805-811(2003).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.