

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 μ l

EZR / Ezrin Antibody (aa511-560) - Protocols

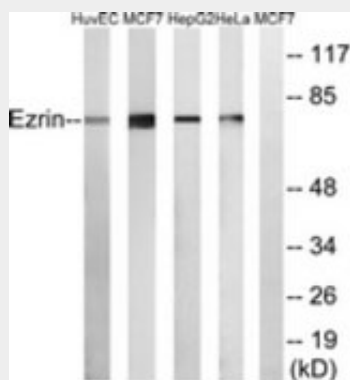
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

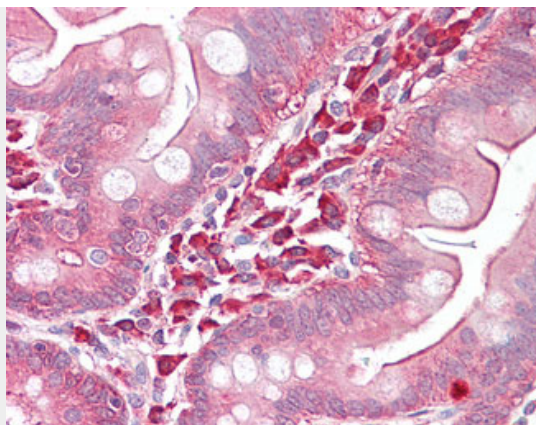
- [Flow Cytometry](#)

- [Cell Culture](#)

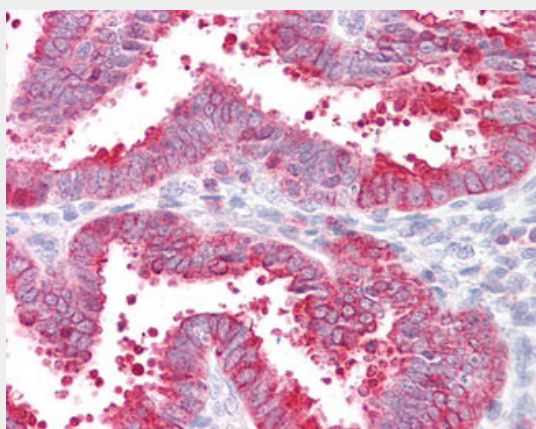
EZR / Ezrin Antibody (aa511-560) - Images



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



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

Gould K.L.,et al.EMBO J. 8:4133-4142(1989).
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.