

EZRIN Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP5845a**Specification**

EZRIN Antibody (N-term) Blocking peptide - Product Information

Primary Accession [P15311](#)
Other Accession [NP_001104547.1](#), [NP_003370.2](#)

EZRIN Antibody (N-term) Blocking peptide - Additional Information

Gene ID 7430

Other Names

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

EZRIN Antibody (N-term) Blocking peptide - 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 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

EZRIN Antibody (N-term) Blocking peptide - Images