

**Ezrin + Radixin + Moesin Antibody (aa524-573)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS14191****Specification**

---

**Ezrin + Radixin + Moesin Antibody (aa524-573) - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P15311</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>

**Ezrin + Radixin + Moesin Antibody (aa524-573) - Additional Information****Gene ID** 7430**Other Names**

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

**Target/Specificity**

Moesin/Ezrin/Radixin Antibody detects endogenous levels of total Moesin/Ezrin/Radixin protein.

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

**Precautions**

Ezrin + Radixin + Moesin Antibody (aa524-573) is for research use only and not for use in diagnostic or therapeutic procedures.

**Ezrin + Radixin + Moesin Antibody (aa524-573) - 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

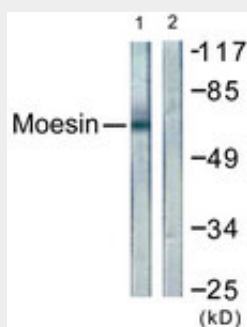
**Volume**

50  $\mu$ l

**Ezrin + Radixin + Moesin Antibody (aa524-573) - 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 + Radixin + Moesin Antibody (aa524-573) - Images**

Western blot of extracts from NIH-3T3 cells, using Moesin/Ezrin/Radixin Antibody.