

## Product datasheet for **AP06113PU-N**

### Ezrin (EZR) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>Western blot:</b> 1/500-1/1000.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 310-360 of Human Ezrin.
Specificity:	This antibody detects endogenous levels of Ezrin / Villin-2 protein (region surrounding Met347).
Formulation:	Phosphate buffered saline (PBS), pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.05% Sodium azide
Concentration:	1.0 mg/ml
Purification:	Affinity-chromatography using epitope-specific immunogen (> 95% pure by SDS-PAGE).
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~69, 81 kDa
Gene Name:	ezrin
Database Link:	<a href="#">Entrez Gene 7430 Human P15311</a>



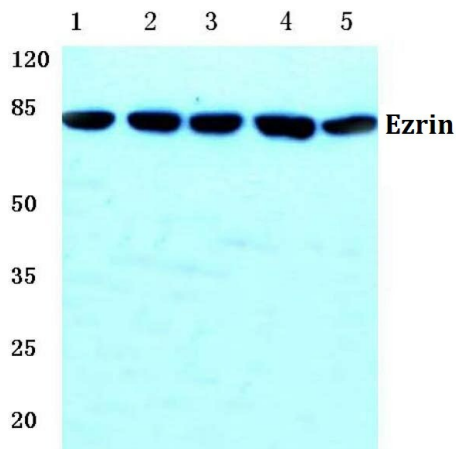
[View online »](#)

**Background:**

Ezrin, Moesin and Radixin belong to a family of highly homologous Actin-associated proteins that are localized just beneath the plasma membrane. The proteins are believed to be involved in the mediation of interactions between cytoskeletal and membrane proteins. Ezrin serves as a major cytoplasmic substrate of various protein-tyrosine kinases, including the epidermal growth factor receptor. Ezrin has also been identified as a cAMP-dependent protein kinase (A-kinase) anchoring protein and designated AKAP78. Moesin and Radixin share over 70% homology with Ezrin and are coexpressed within various cell types. Despite the high degree of homology, the three proteins exhibit a distinct receptor-specific pattern of phosphorylation.

**Synonyms:**

p81, Cytovillin, Villin-2, EZR, VIL2

**Product images:**

Western blot (WB) analysis of Ezrin antibody at 1/500 dilution Lane 1:HEK293T cell lysate Lane 2:HepG2 cell lysate Lane 3:Rat liver tissue lysate Lane 4:Mouse liver tissue lysate Lane 5:NIH-3T3 cell lysate