

Product datasheet for **AP02628PU-N**

Ezrin (EZR) Rabbit Polyclonal Antibody

Product data:

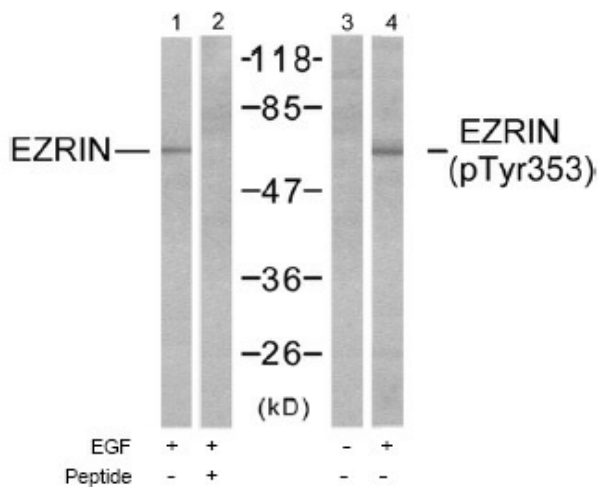
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blot: 1/500~1/1000.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized non-phosphopeptide derived from human Ezrin around the phosphorylation site of tyrosine 353 (Q-D-YP-E-E).
Specificity:	Ezrin antibody detects endogenous levels of total Ezrin protein.
Formulation:	PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4 containing 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Affinity-chromatography using epitope-specific immunogen
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ezrin
Database Link:	Entrez Gene 7430 Human P15311
Background:	Ezrin (also known as p81, 80K, or cytovillin) is a cytoplasmic protein which is enriched in microvilli and other cell surface structures. Its NH ₂ -terminal domain is associated with the plasma membrane and the COOH-terminal domain with the cytoskeleton. Ezrin has an actin-binding capability. Ezrin is expressed in epithelial cells but not in mesenchymal cells. Ezrin is also expressed by certain epithelial tumors, such as renal cell adenocarcinomas. Ezrin serves as a tyrosine kinase substrate, and is phosphorylated in EGF-stimulated cells.



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Synonyms: p81, Cytovillin, Villin-2, EZR, VIL2

Product images:



Western blot analysis of extracts from A431 cells, untreated or EGF-treated (200ng/ml, 30min) using Ezrin antibody (Lane 1 and 2) and Ezrin (pTyr353) antibody (Lane 3 and 4).