

Product datasheet for **AP02470PU-N**

Ezrin (EZR) pThr566 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 phosphopeptide derived from human Ezrin around the phosphorylation site of threonine 566 (Y-K-TP-L-R).
Specificity:	Ezrin antibody detects endogenous levels of Ezrin only when phosphorylated at threonine 566.
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
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Conjugation:	Unconjugated
Storage:	Store the antibody 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



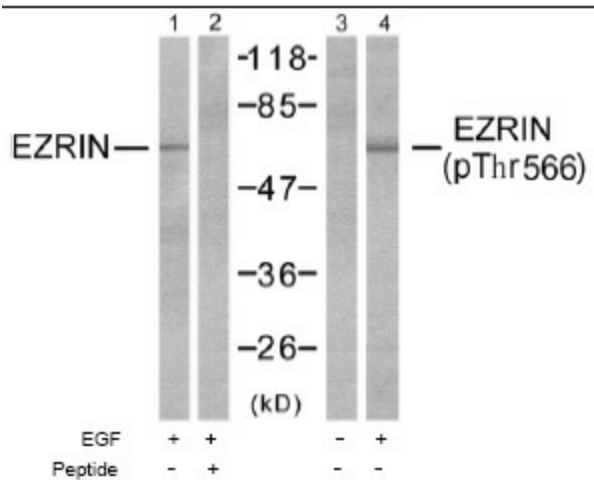
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Background:

Ezrin (also known as p81, 80K, or cytovillin) is a cytoplasmic protein which is enriched in microvilli and other cell surface structures. Its NH₂-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.

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 3 and 4).