

Ezrin Polyclonal Antibody | anti-EZR antibody

Ezrin (Phospho-Tyr353)

CATALOG #
AAA47838

APPLICATIONS
Immunohistochemistry, Immunoblot, Western Blot

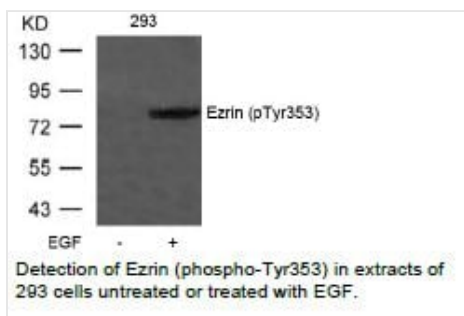
PRODUCT SYNONYMS

Ezrin; Polyclonal Antibody; Ezrin (Phospho-Tyr353); anti-EZR antibody

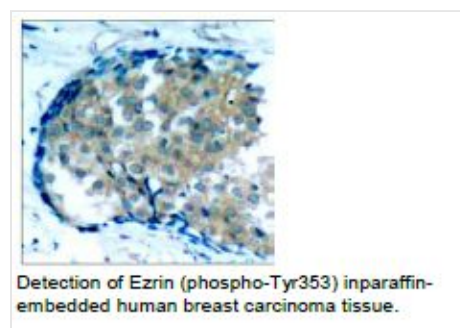
PRODUCT SPECIFICATIONS

Clonality	Polyclonal
Specificity	This antibody detects endogenous human Ezrin only when phosphorylated at tyrosine 353.
Form/Format	100ul at 1.0mg/ml in PBS (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Affinity-purified on phosphopeptide; non-phosphopeptide- reactive antibodies were removed by chromatography on non-phosphorylated peptide.
Sequence Length	586
Applicable Applications for anti-EZR antibody	IHC (Immunohistochemistry), IB (Immunoblot)
Antigen	Peptide sequence that includes phosphorylation site of tyrosine 353 (Q-D-Y(p)-E-E) derived from human Ezrin and conjugated to KLH.
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C. Can be stored at 4 degree C for short-term.

IMAGES



Application Data



IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-EZR antibody

Ezrin (also known as cytovillin or villin-2) is encoded by the EZR gene. The cytoplasmic peripheral membrane protein encoded by this gene functions as a protein-tyrosine kinase substrate in microvilli. As a member of the ERM protein family, this protein serves as an intermediate between the plasma membrane and the actin cytoskeleton. It plays a key role in cell surface structure adhesion, migration, and organization. The N-terminal FERM domain strongly binds sodium-hydrogen exchanger regulatory factor (NHERF) proteins (involving long-range allostery). The C-terminal ERM domain binds to actin, phosphatidylinositol(4,5)bis-phosphate (PIP2) and membrane proteins like CD44 and ICAM-2.

NCBI AND UNIPROT INFORMATION

NCBI GI #	161702986
NCBI GeneID	7430
NCBI Accession #	NP_001104547.1
NCBI GenBank Nucleotide #	NM_001111077.1
UniProt Accession #	P15311; P23714; Q4VX75; Q96CU8; Q9NSJ4; E1P5A8
Molecular Weight	69,413 Da
NCBI Official Full Name	ezrin
NCBI Official Synonym Full Names	ezrin
NCBI Official Symbol	EZR
NCBI Official Synonym Symbols	CVL; CVIL; VIL2; HEL-S-105
NCBI Protein Information	ezrin
UniProt Protein Name	Ezrin
UniProt Gene Name	EZR
UniProt Synonym Gene Names	VIL2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ezrin-antibody-immunohistochemistry-immunoblot-elisa/47838>