Ezrin (EZR) Antibody – Polyclonal

PRODUCT OVERVIEW

Product Name	Ezrin, Polyclonal Antibody
Full Product Name	Ezrin Polyclonal Antibody
Product Gene Name	anti-EZR antibody
Clonality	Polyclonal
Molecular Weight	69,413 Da
OMIM	123900
3D Structure	ModBase 3D Structure for P15311
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-EZR antibody	MBS8522631 is an antibody targeting EZR. Also known as Ezrin Polyclonal Antibody.
Other Notes	Small volumes of anti-EZR antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EZR. It may not necessarily be applicable to this product.

NCBI GI #	161702986
NCBI GeneID	7430
NCBI Accession #	NP_001104547.1
UniProt Primary Accession #	P15311
UniProt Secondary Accession #	P23714; Q4VX75; Q96CU8; Q9NSJ4; E1P5A8
UniProt Related Accession #	P15311
GenBank Nucleotide #	NM_001111077.1
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
UniProt Protein Name	Ezrin
UniProt Synonym Protein Names	Cytovillin; Villin-2; p81
Protein Family	Ezrin
UniProt Gene Name	EZR
UniProt Synonym Gene Names	VIL2
NCBI Protein Information	ezrin

NCBI Summary for EZR	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. This protein plays a key role in cell surface structure adhesion, migration and organization, and it has been implicated in various human cancers. A pseudogene located on chromosome 3 has been identified for this gene. Alternatively spliced variants have also been described for this gene. [provided by RefSeq, Jul 2008]
UniProt Comments for EZR	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.
Research Articles on EZR	**1.** ezrin facilitates AQP2 endocytosis, thus linking the dynamic actin cytoskeleton network with AQP2 trafficking.
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