



Anti-EZR (internal region) polyclonal antibody (CPBT-67616GH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview

Goat anti Human Ezrin antibody recognizes human ezrin, otherwise known as p81 or villin 2, Ezrin is a 586 amino acid ~80kDa cytoplasmic peripheral membrane protein containing a single FERM domain and member of the ezrin, radixin, moesin (ERM) protein family, which acts as protein-tyrosine kinase substrate. Ezrin is enriched in microvilli and other cell surface structures and plays a key role in cell surface structure adhesion, membrane trafficking, motility and organization. Ezrin acts as a linker protein between the plasma membrane and the actin cytoskeleton, and provides anchorage for cell surface molecules such as ICAM and CD44. Studies have implicated ezrin in the metastatic capacity of various types of human tumours including breast, prostate, bone, endometrial and colon cancers. Western Blotting detects a band of approximately 80kDa in human placenta and duodenum cell lysates.

Specificity	EZR
Immunogen	Peptide sequence C-QDYEEKTKKAER from the internal region of ezrin (NP_003370.2).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human, Dog
Conjugate	Unconjugated
Applications	ELISA; WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	0.02% Sodium Azide

Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	EZR ezrin [Homo sapiens (human)]
Official Symbol	EZR
Synonyms	EZR; ezrin; CVL; CVIL; VIL2; HEL-S-105; p81; villin-2; cytovillin 2; villin 2 (ezrin); epididymis secretory protein Li 105;
Entrez Gene ID	7430
Protein Refseq	NP_001104547
UniProt ID	P15311
Chromosome Location	6q25.3
Pathway	AGE/RAGE pathway; Axon guidance; Developmental Biology; FAS (CD95) signaling pathway; Gastric acid secretion; L1CAM interactions; LKB1 signaling events; Leukocyte transendothelial migration;
Function	actin filament binding; cell adhesion molecule binding; poly(A) RNA binding; protein binding; protein domain specific binding;