

bs-13719R**[Primary Antibody]****EPB41L5 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Sheep, Cow, Dog, Horse) Predicted MW.: 82 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 57669	SWISS: Q9HCM4	
Target: EPB41L5		
Immunogen: KLH conjugated synthetic peptide derived from human EPB41L5: 51-150/733.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: FERM domains are roughly 150 amino acids in length and are found in a number of cytoskeletal-associated proteins such as Ezrin, Radixin, Moesin and 4.1 (erythrocyte membrane protein band 4.1), where they provide a link between cytoskeletal signals and membrane dynamics. EPB41L5 (erythrocyte membrane protein band 4.1 like 5), also known as BE37 or YMO1, is a 733 amino acid cytoplasmic protein that contains one FERM domain, which it uses to bind CRB1 (crumbs homolog 1). EPB41L5 is a homolog of zebrafish 'mosaic eyes' (moe), and is widely expressed but found at highest levels in ovary, kidney and brain, and is known to colocalize with β -catenin. EPB41L5 may participate in tight junction positioning during the establishment of epithelial cell polarity, and exists as four alternatively spliced isoforms that are encoded by a gene located on human chromosome 2q14.2.		