



Spectrin β V rabbit pAb

Cat No.:ES6517

For research use only

Overview

Product Name	Spectrin β V rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human SPTBN5. AA range:481-530
Specificity	Spectrin β V Polyclonal Antibody detects endogenous levels of Spectrin β V protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Spectrin beta chain non-erythrocytic 5
Gene Name	SPTBN5
Cellular localization	Cytoplasm, cytoskeleton. Detected prominently in the outer segments of photoreceptor rods and cones and in the basolateral membrane and cytosol of gastric epithelial cells.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	51332
Human Swiss-Prot Number	Q9NRC6
Alternative Names	SPTBN5; BSPECV; HUBSPECV; HUSPECV; Spectrin beta chain; non-erythrocytic 5; Beta-V spectrin
Background	similarity:Belongs to the spectrin family.,similarity:Contains 1 PH domain.,similarity:Contains 2 CH





(calponin-homology) domains.,similarity:Contains 31 spectrin repeats.,subcellular location:Detected prominently in the outer segments of photoreceptor rods and cones and in the basolateral membrane and cytosol of gastric epithelial cells.,subunit:Probably associates with an alpha chain.,tissue specificity:Expressed at very low levels in many tissues, with strongest expression in cerebellum, spinal cord, stomach, pituitary gland, liver, pancreas, salivary gland, kidney, bladder, and heart.,

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using SPTBN5 Antibody. The picture on the right is blocked with the synthesized peptide.

