

Immunotag™ Spectrin β V Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4382
Product Description	Immunotag™ Spectrin β V Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Spectrin β V
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p,ELISA
Recommended Dilution	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	SPTBN5
Accession No.	Q9NRC6
Alternate Names	SPTBN5; BSPECV; HUBSPECV; HUSPECV; Spectrin beta chain; non-erythrocytic 5; Beta-V spectrin

Antibody Specification

Description	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.,
Protein Expression	Cerebellum,Retina,Spinal cord,
Subcellular Localization	cytoplasm,cytosol,spectrin,membrane,photoreceptor connecting cilium,extracellular exosome,photoreceptor disc membrane,
Protein Function	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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.