

# Immunotag™ SPTN4 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN1357
Product Description	Immunotag™ SPTN4 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	SPTN4
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p
Recommended Dilution	IHC-p 1:50-300
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SPTN4 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	SPTBN4 KIAA1642 SPTBN3
Accession No.	Q9H254

## Antibody Specification

Description	spectrin beta, non-erythrocytic 4(SPTBN4) Homo sapiens Spectrin is an actin crosslinking and molecular scaffold protein that links the plasma membrane to the actin cytoskeleton, and functions in the determination of cell shape, arrangement of transmembrane proteins, and organization of organelles. It is composed of two antiparallel dimers of alpha- and beta- subunits. This gene is one member of a family of beta-spectrin genes. The encoded protein localizes to the nuclear matrix, PML nuclear bodies, and cytoplasmic vesicles. A highly similar gene in the mouse is required for localization of specific membrane proteins in polarized regions of neurons. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],
Protein Expression	Brain,Epithelium,Testis,
Subcellular Localization	cytoplasm,cytosol,plasma membrane,adherens junction,spectrin,membrane,nuclear matrix,PML body,node of Ranvier,paranode region of axon,neuronal cell body,axon initial segment,axon hillock,ext
Protein Function	similarity:Belongs to the spectrin family.,similarity:Contains 1 PH domain.,similarity:Contains 18 spectrin repeats.,similarity:Contains 2 CH (calponin-homology) domains.,tissue specificity:Abundantly expressed in brain and pancreatic islets.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.