



Anti-ITSN1 (aa 646-840) polyclonal antibody (DPABH-07873)

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

PRODUCT INFORMATION

Antigen Description	Adapter protein that may provide indirect link between the endocytic membrane traffic and the actin assembly machinery. May regulate the formation of clathrin-coated vesicles. Isoform 1 could be involved in brain-specific synaptic vesicle recycling. Inhibits ARHGAP31 activity toward RAC1.
Specificity	DPABH-07873 should recognise all 4 isoforms.
Immunogen	Recombinant fragment, corresponding to amino acids 646-840 of Human Intersectin 1 (BC116186).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µg
Buffer	pH: 7.20; Constituents: 98% PBS, 1% BSA
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	ITSN1 intersectin 1 (SH4 domain protein) [Homo sapiens]
Official Symbol	ITSN1
Synonyms	ITSN1; intersectin 1 (SH3 domain protein); ITSN; SH3D1A; SH3P17; intersectin-1; intersectin short variant 12; SH3 domain-containing protein 1A; intersectin 1 short form variant 3; intersectin 1 short form variant, 11; Src homology 3 domain-containing protein; human intersectin-SH3 domain-containing protein SH3P17;
Entrez Gene ID	6453
Protein Refseq	NP_001001132.1
UniProt ID	Q15811
Pathway	Cell death signalling via NRAGE, NRIF and NADE; G alpha (12/13) signalling events; Internalization of ErbB1; Regulation of CDC42 activity
Function	Rho guanyl-nucleotide exchange factor activity; calcium ion binding; guanyl-nucleotide exchange factor activity; kinase activator activity