



ITSN2 Polyclonal Antibody

Catalog No	YP-Ab-07653
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	ITSN2 KIAA1256 SH3D1B SWAP
Immunogen	Synthesized peptide derived from part region of human protein AA range: 1125-1175
Specificity	ITSN2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PRO215;SH3D1B;SH3P18;SWA;SWAP;ITSN2_HUMAN;ITSN2;SH3 domain-containing protein 1B;SH3P18-like WASP-associated protein;KIAA1256;intersectin 2;SH3 domain protein 1B;SH3P18-like WASP associated protein;ITSN2 KIAA1256 SH3D1B SWAP;Intersectin-2 (SH3 domain-containing protein 1B) (SH3P18) (SH3P18-like WASP-associated protein)
Observed Band	186kD
Calculated Molecular Weight	193 kDa
Cell Pathway	Cytoplasm.
Tissue Specificity	Expressed in melanocytes (PubMed:23999003). Ubiquitous. Isoform 1 is primarily expressed in adult heart and liver.
Function	alternative products:Additional isoforms seem to exist,function: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.,miscellaneous:Overexpression results in the inhibition of the transferrin uptake and the blockage of the clathrin-mediated endocytosis.,similarity:Contains 1 C2 domain.,similarity:Contains 1 DH (DBL-homology) domain.,similarity:Contains 1 PH domain.,similarity:Contains 2 EF-hand

domains.,similarity:Contains 2 EH domains.,similarity:Contains 5 SH3 domains.,
subunit:Belongs to a complex that may contain multimers of ITSN1, ITSN2 and
EPS15, and different partners according to the step in the endocytic process.,
tissue specificity:Ubiquitous. Isoform 1 is primarily expressed in adult heart and
liver.,

Background

This gene encodes a cytoplasmic protein which contains SH3 domains. This protein is a member of a family of proteins involved in clathrin-mediated endocytosis. Intersectin 2 is thought to regulate the formation of clathrin-coated vesicles and also may function in the induction of T cell antigen receptor (TCR) endocytosis. Alternatively spliced transcript variants have been found for this gene that encode three distinct isoforms. Additional variants have been found but their full length nature has not been determined. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images