



Anti-ITSN2 (aa 471-571) polyclonal antibody (DPAB-DC2082)

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

PRODUCT INFORMATION

Antigen Description 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.

Immunogen ITSN2 (NP_006268, 471 a.a. ~ 571 a.a) partial recombinant protein with GST tag. The sequence is
NQKNREQEEIVRLNSKKKNLHLELEALNGKHQQISGRLQDVRLKKQTQKTELEVLDKQCD
LEIMEIKLQQLQELQEYQNKLIYLVPEKQLLNERIKNMQFSN

Source/Host Mouse

Species Reactivity Human

Conjugate Unconjugated

Applications WB (Recombinant protein), ELISA,

Size 50 µl

Buffer 50 % glycerol

Preservative None

Storage Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ITSN2 intersectin 2 [Homo sapiens (human)]
Official Symbol	ITSN2
Synonyms	ITSN2; intersectin 2; SWA; SWAP; SH3D1B; SH3P18; PRO2015; intersectin-2; SH3 domain-containing protein 1B; SH3P18-like WASP-associated protein;
Entrez Gene ID	50618
Protein Refseq	NP_006268
UniProt ID	A6H8W8
Chromosome Location	2p23.3
Pathway	Regulation of CDC42 activity.
Function	Rho guanyl-nucleotide exchange factor activity; SH3/SH2 adaptor activity; calcium ion binding; protein binding