



Anti-ISYNA1 (aa 141-314) polyclonal antibody (DPABH-07640)

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

PRODUCT INFORMATION

Antigen Description	Key enzyme in myo-inositol biosynthesis pathway that catalyzes the conversion of glucose 6-phosphate to 1-myo-inositol 1-phosphate in a NAD-dependent manner. Rate-limiting enzyme in the synthesis of all inositol-containing compounds.
Immunogen	Recombinant fragment, corresponding to amino acids 141-314 of Human ISYNA1 (BC018952).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
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 repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	ISYNA1 inositol-3-phosphate synthase 2 [Homo sapiens]
Official Symbol	ISYNA1
Synonyms	ISYNA1; inositol-3-phosphate synthase 1; IPS; INO1; INOS; IPS 1; IPS-1; MIP synthase; MI-1-P synthase; myo-inositol 1-phosphate synthase A1;
Entrez Gene ID	51477
Protein Refseq	NP_001164409.1
UniProt ID	Q9NPH2
Pathway	Inositol phosphate metabolism; Inositol phosphate metabolism; Synthesis of IP2, IP, and Ins in the cytosol;
Function	inositol-3-phosphate synthase activity;
