ISYNA1 Mouse mAb

Catalog No	YP-mAb-18797
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ISYNA1 INO1
Immunogen	Synthesized peptide derived from human ISYNA1
Specificity	This antibody detects endogenous levels of ISYNA1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	IPS;INO1;INOS;IPS 1;IPS-1;ISYNA1;ISYNA1 INO1;Inositol-3-phosphate synthase 1 (IPS 1) (Myo-inositol 1-phosphate synthase) (MI-1-P synthase) (MIP synthase) (hIPS) (Myo-inositol 1-phosphate synthase A1) (hINO1)
Observed Band	61kDa
Calculated Molecular Weight	61kDa
Cell Pathway	Cytoplasm .
Tissue Specificity	Highly expressed in testis, ovary, heart, placenta and pancreas. Weakly expressed in blood leukocyte, thymus, skeletal muscle and colon.
Function	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.
Background	
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