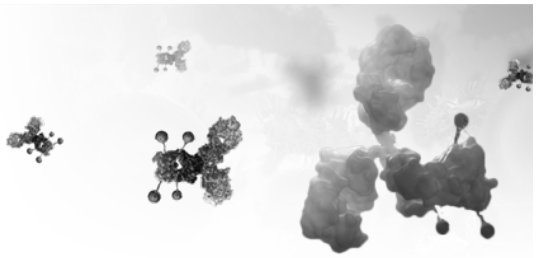

Mouse Anti-Human IMPA2 monoclonal antibody, clone JNQB20 (CABT-L1953)

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

PRODUCT INFORMATION

Target	Human IMPA2
Immunogen	Synthetic peptide corresponding to an internal sequence of human IMPA2
Isotype	IgG2B
Source/Host	Mouse
Species Reactivity	Canine, Bovine, Human, Rat, Mouse
Clone	JNQB20
Purification	Purified
Conjugate	Unconjugated
Applications	FC, IB, IF
Format	Liquid
Concentration	Lot specific
Size	200 µl
Buffer	0.01 M phosphate buffered saline, pH 7.4
Preservative	15mM Sodium Azide
Storage	Store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

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Introduction	This locus encodes an inositol monophosphatase. The encoded protein catalyzes the dephosphoylration of inositol monophosphate and plays an important role in phosphatidylinositol signaling. This locus may be associated with susceptibility to bipolar disorder. [provided by RefSeq, Jan 2011]
Keywords	IMPA2; inositol(myo)-1(or 4)-monophosphatase 2; inositol monophosphatase 2; IMP 2; IMPase 2; inosine monophosphatase 2; myo-inositol monophosphatase A2; inositol monophosphatase 2 variant 1; inositol monophosphatase 2 variant 2;

GENE INFORMATION

Gene Name	IMPA2 inositol(myo)-1(or 4)-monophosphatase 2 [Homo sapiens (human)]
Official Symbol	IMPA2
Synonyms	IMPA2; inositol(myo)-1(or 4)-monophosphatase 2; inositol monophosphatase 2; IMP 2; IMPase 2; inosine monophosphatase 2; myo-inositol monophosphatase A2; inositol monophosphatase 2 variant 1; inositol monophosphatase 2 variant 2;
Entrez Gene ID	3613
UniProt ID	O14732
Chromosome Location	18p11.2
Pathway	D-myo-inositol (1,4,5)-trisphosphate degradation; Inositol phosphate metabolism; Inositol phosphate metabolism, Ins(1,3,4,5)P4 => Ins(1,3,4)P3 => myo-inositol; Metabolic pathways; Metabolism; Phosphatidylinositol signaling system; Synthesis of IP2, IP, and Ins in the cytosol; myo-inositol biosynthesis;
Function	inositol monophosphate 1-phosphatase activity; inositol monophosphate 3-phosphatase activity; inositol monophosphate 4-phosphatase activity; metal ion binding; protein homodimerization activity;

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