

IMPA2 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5843c**Specification**

IMPA2 Antibody (Center) Blocking peptide - Product Information

Primary Accession [O14732](#)
Other Accession [NP_055029.1](#)

IMPA2 Antibody (Center) Blocking peptide - Additional Information

Gene ID 3613

Other Names

Inositol monophosphatase 2, IMP 2, IMPase 2, Inositol-1(or 4)-monophosphatase 2, Myo-inositol monophosphatase A2, IMPA2, IMP18P

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

IMPA2 Antibody (Center) Blocking peptide - Protein Information

Name IMPA2 ([HGNC:6051](#))

Synonyms IMP.18P

Function

Phosphatase that can use myo-inositol monophosphates, myo- inositol 1,4-diphosphate, scyllo-inositol-1,4-diphosphate, glucose-1- phosphate, beta-glycerophosphate and 2'-AMP as substrates in vitro (PubMed:<[a href="http://www.uniprot.org/citations/17068342" target="_blank">17068342](http://www.uniprot.org/citations/17068342)). It is likely that IMPA2 has an as yet unidentified in vivo substrate(s) (PubMed:<[a href="http://www.uniprot.org/citations/17068342" target="_blank">17068342](http://www.uniprot.org/citations/17068342)). Has been implicated as the pharmacological target for lithium (Li(+)) action in brain (PubMed:<[a href="http://www.uniprot.org/citations/17068342" target="_blank">17068342](http://www.uniprot.org/citations/17068342)).

Cellular Location

Cytoplasm.

IMPA2 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

IMPA2 Antibody (Center) Blocking peptide - Images