

Impa2 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14262**Specification**

Impa2 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O91UZ5
Other Accession	NM_053261 , NP_444491
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32kDa KDa

Impa2 Antibody - C-terminal region - Additional Information**Gene ID** 114663**Alias Symbol** 2210415D20Rik, AI326924, AW259601**Other Names**

Inositol monophosphatase 2, IMP 2, IMPase 2, 3.1.3.25, Inositol-1(or 4)-monophosphatase 2, Myo-inositol monophosphatase A2, Impa2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Impa2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Impa2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Impa2 Antibody - C-terminal region - Protein Information**Name** Impa2 {ECO:0000312|MGI:MGI:2149728}**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. No physiological substrates has been described yet. Has been implicated as the pharmacological target for lithium Li(+) action in brain.

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:O14732}.

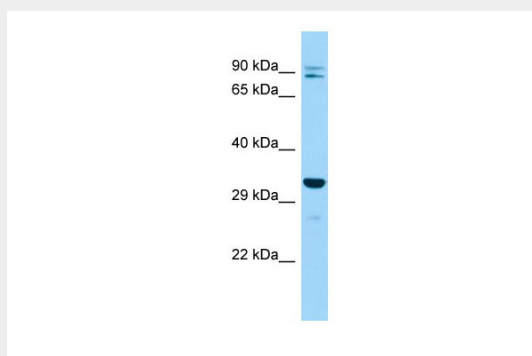
Tissue Location

Mostly expressed in brain, small intestine, heart, kidney, and spleen (at protein level).

Impa2 Antibody - C-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Impa2 Antibody - C-terminal region - Images

Host: Rabbit

Target Name: Impa2

Sample Tissue: Mouse Testis lysates

Antibody Dilution: 1.0µg/ml

Impa2 Antibody - C-terminal region - References

Shamir A., et al. Gene 271:285-291(2001).

Ohnishi T., et al. J. Biol. Chem. 282:637-646(2007).