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

Specification

Impa2 Antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	Q91UZ5
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

Function
Can use myo-inositol monophosphates, scylloinositol 1,4- diphosphate, glucose-1-phosphate, beta-glycerophosphate, and 2'-AMP as substrates. Has been implicated as the pharmacological target for lithium Li(+) action in brain (By similarity).

Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:O14732}.

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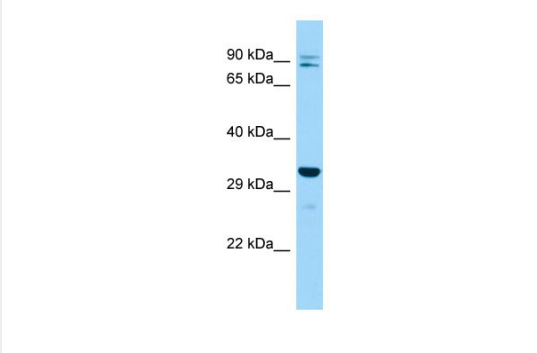
Tissue Location
Mostly expressed in brain, small intestine, heart, kidney, and spleen (at protein level).

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 Cytomety
- 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).