

## Product datasheet for **TA344408**

### IMPA2 Rabbit Polyclonal Antibody

#### Product data:

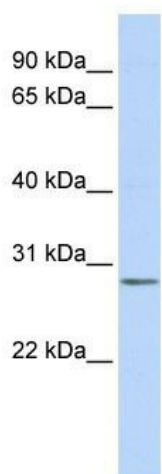
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-IMPA2 antibody: synthetic peptide directed towards the middle region of human IMPA2. Synthetic peptide located within the following region: RGRGAFcNGQRLRVSGETDLSKALVLTEIGPKRDPATLKLFLSNMERLLH
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	32 kDa
Gene Name:	inositol monophosphatase 2
Database Link:	<a href="#">NP_055029</a> <a href="#">Entrez Gene 3613 Human</a> <a href="#">O14732</a>
Background:	IMPA2 belongs to the inositol monophosphatase family. The present study suggests that a promoter haplotype of IMPA2 possibly contributes to risk for bipolar disorder by elevating IMPA2 levels in the brain, albeit the genetic effect varies among populations.
Synonyms:	inosine monophosphatase 2; inositol(myo)-1(or 4)-monophosphatase 2; inositol monophosphatase 2 variant 1; inositol monophosphatase 2 variant 2
Note:	Immunogen Sequence Homology: Human: 100%; Bovine: 100%; Dog: 93%; Pig: 86%; Horse: 86%; Guinea pig: 86%; Rat: 85%; Mouse: 85%; Rabbit: 85%



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**Protein Pathways:** Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system

**Product images:**



WB Suggested Anti-IMPA2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: Human Lung