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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58229_P050-Biotin
Product Page	www.avivasysbio.com/impa2-antibody-middle-region-biotin-arp58229-p050-biotin.html
Name	IMPA2 Antibody - middle region : Biotin (ARP58229_P050-Biotin)
Protein Size (# AA)	288 amino acids
Molecular Weight	32kDa
Conjugation	Biotin
NCBI Gene Id	3613
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Inositol(myo)-1(or 4)-monophosphatase 2
Alias Symbols	-
Peptide Sequence	Synthetic peptide located within the following region: RGRGAFcNGQRLRVsGETDLSKALVLTEIGPKRDPATLKLFLSNMERLLH
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Ohnishi, T., (2007) <i>Neuropsychopharmacology</i> 32 (8), 1727-1737
Description of Target	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.
Protein Interactions	UBA3; IMPA2; IMPA1; UBC; TNFRSF14; HERPUD1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-IMPA2 (ARP58229_P050-Biotin) antibody
Blocking Peptide	For anti-IMPA2 (ARP58229_P050-Biotin) antibody is Catalog # AAP58229 (Previous Catalog # AAPP32828)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human IMPA2
Uniprot ID	O14732
Protein Name	Inositol monophosphatase 2
Protein Accession #	NP_055029
Purification	Affinity Purified
Nucleotide Accession #	NM_014214
Gene Symbol	IMPA2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Guinea Pig: 86%; Horse: 86%; Human: 100%; Mouse: 85%; Rabbit: 85%; Rat: 85%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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