NIPAL1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NIPAL1, Polyclonal Antibody
Full Product Name	NIPAL1, CT (NIPAL1, NIPA3, NPAL1, Magnesium transporter NIPA3, NIPA-like protein 1, Non-imprinted in Prader-Willi/Angelman syndrome region protein 3) (MaxLight 550)
Product Gene Name	anti-NIPAL1 antibody
Product Synonym Names	NIPAL1; NIPA3; NPAL1; Magnesium transporter NIPA3; NIPA-like protein 1; Non-imprinted in Prader-Willi/Angelman syndrome region protein 3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human NIPAL1. Species Crossreactivity: mouse
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	44,638 Da
3D Structure	ModBase 3D Structure for Q6NVV3
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 381-410 in the C-terminal region of human NIPAL1, UniProt Accession #Q6NVV3.
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-NIPAL1 antibody	Antibodies; Transport Proteins
Applications Tested/Suitable for anti-NIPAL1 antibody	Flow Cytometry (FC/FACS), FLISA, Western Blot (WB)
Application Notes for anti-NIPAL1 antibody	FC/FACS: 1:10-1:50 WB: 1:1000 Applications are based on unconjugated antibody.
Related Product Information for anti-NIPAL1 antibody	MBS6325352 is an antibody targeting NIPAL1. Also known as NIPAL1, CT (NIPAL1, NIPA3, NPAL1, Magnesium transporter NIPA3, NIPA-like protein 1, Non-imprinted in Prader-Willi/Angelman syndrome region protein 3) (MaxLight 550). Reactive in Human, Mouse. Host: Rabbit.
Product References and Citations for anti-NIPAL1 antibody	Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004).
Other Notes	Small volumes of anti-NIPAL1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NIPAL1. It may not necessarily be applicable to this product.

NCBI GI #	46409302
NCBI GeneID	152519
NCBI Accession #	NP_997213.1
UniProt Primary Accession #	Q6NVV3
UniProt Secondary Accession #	Q68DA9; B3KTB0
UniProt Related Accession #	Q6NVV3
GenBank Nucleotide #	NM_207330.1
NCBI Official Full Name	magnesium transporter NIPA3
NCBI Official Synonym Full Names	NIPA-like domain containing 1
NCBI Official Symbol	NIPAL1
NCBI Official Synonym Symbols	NPAL1
UniProt Protein Name	Magnesium transporter NIPA3
UniProt Synonym Protein Names	NIPA-like protein 1; Non-imprinted in Prader-Willi/Angelman syndrome region protein 3
Protein Family	Magnesium transporter
UniProt Gene Name	NIPAL1
UniProt Synonym Gene Names	NIPA3; NPAL1
UniProt Entry Name	NIPA3_HUMAN
NCBI Protein Information	magnesium transporter NIPA3; NIPA-like protein 1; non-imprinted in Prader-Willi/Angelman syndrome region protein 3
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-antibody/nipal1/6325352