NRARP Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NRARP, Polyclonal Antibody
Full Product Name	NRARP Antibody
Product Gene Name	anti-NRARP antibody
Product Synonym Names	MGC61598; Notch regulated ankyrin repeat containing protein; NOTCH regulated ankyrin repeat protein; Notch-regulated ankyrin repeat-containing protein; nrarp; NRARP_HUMAN
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Concentration	1mg/ml (lot specific)
Specificity	NRARP Antibody detects endogenous levels of NRARP.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.
Antibody/Peptide Pairs	NRARP peptide (MBS9632479) is used for blocking the activity of NRARP antibody (MBS9630096)
Molecular Weight	12,492 Da
3D Structure	ModBase 3D Structure for Q7Z6K4
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Immunogen	A synthesized peptide derived from human NRARP.
Conjugation	Unconjugated
Similarity	Belongs to the NRARP family.
Subunit Structure	Interacts with LEF1.
Function	Downstream effector of Notch signaling. Involved in the regulation of liver cancer cells self-renewal. Involved in angiogenesis acting downstream of Notch at branch points to regulate vascular density. Proposed to integrate endothelial Notch and Wnt signaling to control stalk cell proliferation and to stablilize new endothelial connections during angiogenesis. During somitogenesis involved in maintenance of proper somite segmentation and proper numbers of somites and vertebrae. Required for proper anterior-posterior somite patterning. Proposed to function in a negative feedback loop to destabilize Notch 1 intracellular domain (NICD) and downregulate the Notch signal, preventing expansion of the Notch signal into the anterior somite domain (By similarity).
Product Categories/Family for anti-NRARP antibody	Primary
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NRARP antibody	ELISA (EIA)(peptide)

Application Notes for anti-NRARP antibody	ELISA(peptide): 1:20000-1:40000
Related Product Information for anti-NRARP antibody	MBS9630096 is an antibody targeting NRARP. Also known as NRARP Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-NRARP 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 NRARP. It may not necessarily be applicable to this product.

NCBI GI #	51972284
NCBI GeneID	441478
NCBI Accession #	NP_001004354.1
UniProt Primary Accession #	Q7Z6K4
UniProt Secondary Accession #	B8A4K5
UniProt Related Accession #	Q7Z6K4
GenBank Nucleotide #	NM_001004354.2
NCBI Official Full Name	notch-regulated ankyrin repeat-containing protein
NCBI Official Synonym Full Names	NOTCH-regulated ankyrin repeat protein
NCBI Official Symbol	NRARP
UniProt Protein Name	Notch-regulated ankyrin repeat-containing protein
Protein Family	Notch-regulated ankyrin repeat-containing protein
UniProt Gene Name	NRARP
UniProt Entry Name	NRARP_HUMAN
NCBI Protein Information	notch-regulated ankyrin repeat-containing protein
UniProt Comments for NRARP	Function: May play a role in the formation of somites By similarity. Sequence similarities: Belongs to the NRARP family.Contains 2 ANK repeats.
Research Articles on NRARP	**1.** NRARP may stimulate cell proliferation in human breast cancer.
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