Nucleobindin 2 (NUCB2) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Nucleobindin 2 (NUCB2), Polyclonal Antibody
Full Product Name	Cy3-Linked Polyclonal Antibody to Nucleobindin 2 (NUCB2)
Product Gene Name	anti-NUCB2 antibody
Product Synonym Names	NUCB2; NEFA; Nucleobindin 2; DNA-binding protein NEFA; Gastric cancer antigen Zg4; Prepronesfatin
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Concentration	>=100ug/ml (lot specific)
Matching Pairs	Unconjugated Antibody: NUCB2 (MBS2002930) Cy3 Conjugated Antibody: NUCB2 (MBS2070440)
Matching Pairs	Cy3 Conjugated Antibody: NUCB2 (MBS2070440) Immunogen: NUCB2 (MBS2010110)
Molecular Weight	50,201 Da
OMIM	X76732 mRNA
3D Structure	ModBase 3D Structure for P80303
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen	NUCB2 (Val25~Asp104)
Conjugation	Cy3
Cross Reactivity	Human
Unconjugated Antibody	The unconjugated antibody version of this item is also available as catalog #MBS2002930
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-NUCB2 antibody	Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Formalin/Paraffin, ELISA (ELISA)
Related Product Information for anti-NUCB2 antibody	MBS2070440 is an antibody targeting NUCB2. Also known as Cy3-Linked Polyclonal Antibody to Nucleobindin 2 (NUCB2). Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-NUCB2 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 NUCB2. It may not necessarily be applicable to this product.

NCBI GI #	4826870
NCBI GeneID	4925
NCBI Accession #	NP_005004.1

UniProt Primary Accession #	P80303
UniProt Secondary Accession #	Q8NFT5; A8K642; D3DQX5
UniProt Related Accession #	P80303
GenBank Nucleotide #	NM_005013.2
NCBI Official Full Name	nucleobindin-2 isoform 1
NCBI Official Synonym Full Names	nucleobindin 2
NCBI Official Symbol	NUCB2
NCBI Official Synonym Symbols	NEFA; HEL-S-109
UniProt Protein Name	Nucleobindin-2
UniProt Synonym Protein Names	DNA-binding protein NEFA; Gastric cancer antigen Zg4; Prepronesfatin
Protein Family	Nucleobindin
UniProt Gene Name	NUCB2
UniProt Synonym Gene Names	NEFA
NCBI Protein Information	nucleobindin-2
NCBI Summary for NUCB2	This gene encodes a protein with a suggested role in calcium level maintenance, eating regulation in the hypothalamus, and release of tumor necrosis factor from vascular endothelial cells. This protein binds calcium and has EF-folding domains. [provided by RefSeq, Oct 2011]
UniProt Comments for NUCB2	NUCB2: Calcium-binding protein. May have a role in calcium homeostasis. Belongs to the nucleobindin family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted; Secreted, signal peptide; Vesicle Chromosomal Location of Human Ortholog: 11p15.1 Cellular Component: cytosol; ER-Golgi intermediate compartment; extracellular space; plasma membrane Molecular Function: protein binding
Research Articles on NUCB2	**1.** Increased plasma nesfatin-1 concentrations are associated closely with inflammation, trauma severity and clinical outcomes, indicating that nesfatin-1 might be involved in inflammation and become a good prognostic biomarker following traumatic brain injury
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