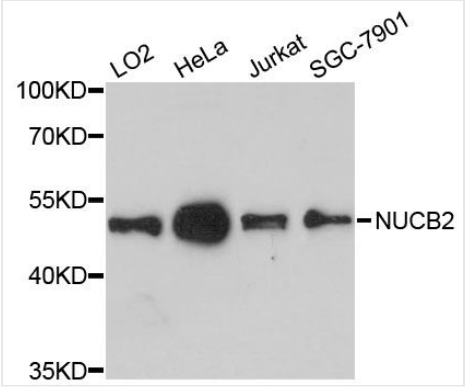
NUCB2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NUCB2, Polyclonal Antibody
Full Product Name	NUCB2 Polyclonal Antibody
Product Gene Name	anti-NUCB2 antibody
Product Synonym Names	HEL-S-109; NEFA
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	50kDa
OMIM	X76732 mRNA
3D Structure	ModBase 3D Structure for P80303
Immunogen	Recombinant protein of human NUCB2
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Product Categories/Family for anti-NUCB2 antibody	Primary antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NUCB2 antibody	Western Blot (WB)
Application Notes for anti-NUCB2 antibody	WB: 1:500 - 1:2000
Related Product Information for anti-NUCB2 antibody	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.
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.
Searchable Terms for NUCB2 purchase	MBS9132527 is an antibody targeting NUCB2. Also known as NUCB2 Polyclonal Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-NUCB2 antibody
Western blot analysis of extracts of various cell lines, using NUCB2 antibody at 1:3000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 90s.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NUCB2. It may not necessarily be applicable to this product.

NCBI GI #	224471846
NCBI GeneID	4925
NCBI Accession #	P80303.2
UniProt Primary Accession #	P80303
UniProt Secondary Accession #	Q8NFT5; A8K642; D3DQX5
UniProt Related Accession #	P80303
NCBI Official Full Name	Nucleobindin-2
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
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.** This study supports the role of insulin resistance in decreased nesfatin-1 levels in patients with Type 2 diabetes mellitus and metabolic syndrome

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.
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