

Rabbit Nucleobindin-2 Polyclonal Antibody | anti-NUCB2 antibody

Nucleobindin-2 Antibody

CATALOG # AAA40650	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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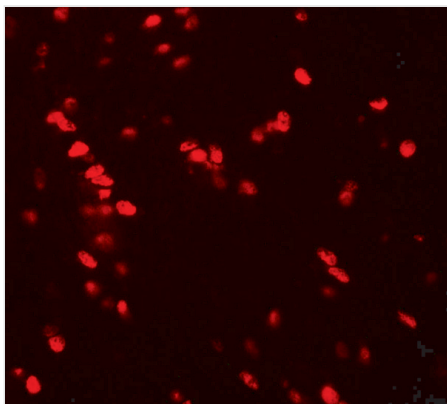
PRODUCT SYNONYMS

Nucleobindin-2; Polyclonal Antibody; Nucleobindin-2 Antibody; NEFA; HEL-S-109; DNA-binding protein NEFA; nucleobindin 2; anti-NUCB2 antibody

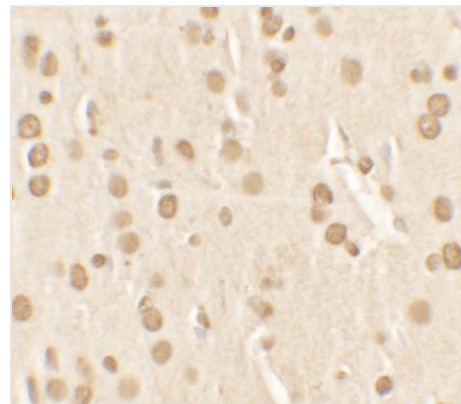
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Nucleobindin-2 antibody is predicted to not cross-react with NUCB1.
Purity/Purification	Nucleobindin-2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	420
Applicable Applications for anti-NUCB2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Nucleobindin-2 antibody was raised against a 16 amino acid peptide near the center of human Nucleobindin-2.
Buffer	Nucleobindin-2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Nucleobindin-2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

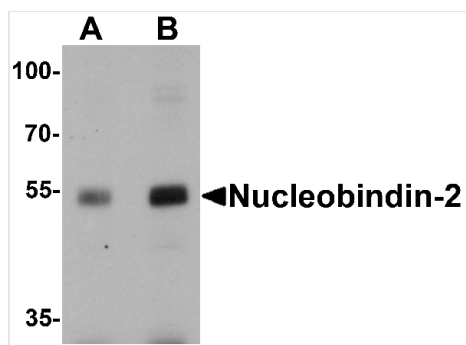
IMAGES


IF (Immunofluorescence)

Immunofluorescence of Nucleobindin-2 in rat brain tissue with Nucleobindin-2 antibody at 20 &#956;g/ml.


IHC (Immunohistochemistry)

Immunohistochemistry of Nucleobindin-2 in rat brain tissue with Nucleobindin-2 antibody at 2.5 &#956;g/ml.



WB (Western Blot)

Western blot analysis of Nucleobindin-2 in rat brain tissue lysate with Nucleobindin-2 antibody at (A) 0.5 and (B) 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-NUCB2 antibody

Nucleobindin-2 Antibody: NUCB2 was initially identified as calcium-binding protein EF hand motif-containing protein that could bind with Necdin, a growth suppressor expressed primarily in postmitotic neurons. NUC2 is a secreted protein that is cleaved into three major peptide products, Nesfatin-1, Nesfatin-2, and Nesfatin-3, of which Nesfatin-1 has been found to cause the suppression of food intake in a leptin-independent manner. Other studies have suggested that NUCB2/Nesfatin-1 may also play roles in energy homeostasis and closely related neuroendocrine functions.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826870
NCBI GeneID	4925
NCBI Accession #	NP_005004
NCBI GenBank Nucleotide #	NM_005013.2
UniProt Accession #	P80303; Q8NFT5; A8K642; D3DQX5
Molecular Weight	Predicted: 46 kDa Observed: 54 kDa
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
NCBI Protein Information	nucleobindin-2; nesfatin 1; nesfatin-1; pronefastin; pronefastin; nucleobinding 2; DNA-binding protein NEFA; gastric cancer antigen Zg4; epididymis secretory protein Li 109
UniProt Protein Name	Nucleobindin-2
UniProt Gene Name	NUCB2
UniProt Synonym Gene Names	NEFA
UniProt Entry Name	NUCB2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nucleobindin-2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40650>