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Product datasheet for TA319691

Nucleobindin 2 (NUCB2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 0.5 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Nucleobindin-2 antibody was raised against a 16 amino acid peptide near the center of human Nucleobindin-2 .
Formulation:	Nucleobindin-2 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Nucleobindin-2 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 46 kDa; Observed: 54 kDa
Gene Name:	nucleobindin 2
Database Link:	NP_005004 Entrez Gene 53322 MouseEntrez Gene 59295 RatEntrez Gene 4925 Human P80303
Background:	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.
Synonyms:	HEL-S-109; NEFA

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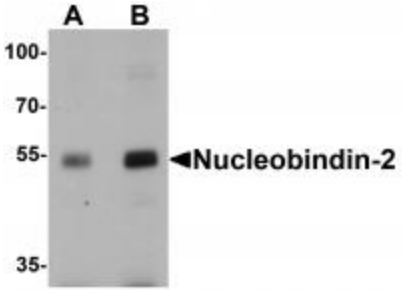
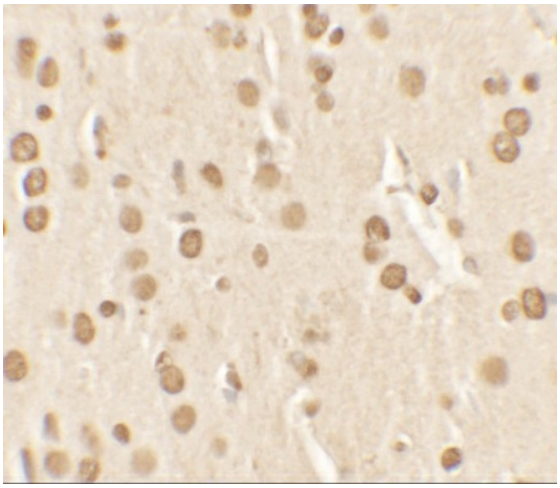
Protein Families: Secreted Protein, Transmembrane

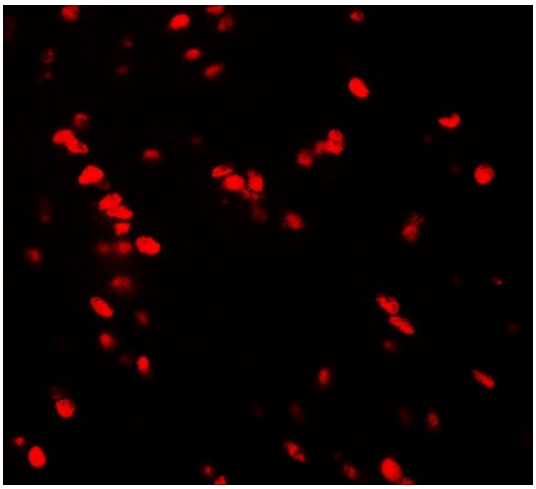
Product images:



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



Immunohistochemistry of Nucleobindin-2 in rat brain tissue with Nucleobindin-2 antibody at 2.5 ug/mL.



Immunofluorescence of Nucleobindin-2 in rat brain tissue with Nucleobindin-2 antibody at 20 ug/mL.