

## Anti-Nucleobindin-2 NUCB2 Antibody

Catalog Number: A02400

### About NUCB2

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.

### Overview

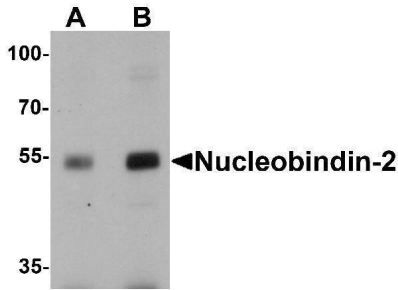
Product Name	Anti-Nucleobindin-2 NUCB2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Nucleobindin-2 NUCB2 Antibody (Catalog # A02400). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	Nucleobindin-2 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	Nucleobindin-2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	P80303

### Technical Details

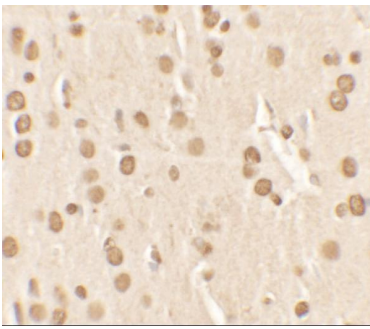
Immunogen	Nucleobindin-2 antibody was raised against a 16 amino acid peptide near the center of human Nucleobindin-2. The immunogen is located within amino acids 260 - 310 of Nucleobindin-2.
Predicted Reactive Species	Bovine
Cross Reactivity	Nucleobindin-2 antibody is predicted to not cross-react with NUCB1.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Nucleobindin-2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	Nucleobindin-2 Antibody can be used for detection of Nucleobindin-2 by Western blot starting at 0.5 ug/mL.

Antibody validated: Western Blot in rat samples; Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

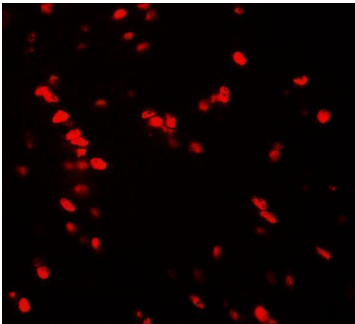
## Anti-Nucleobindin-2 NUCB2 Antibody (A02400) Images



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.

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Anti-Nucleobindin-2 NUCB2 Antibody

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