

NUCB2 / Nucleobindin 2 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS16014**Specification**

NUCB2 / Nucleobindin 2 Antibody (Internal) - Product Information

Application	WB, IF
Primary Accession	P80303
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50kDa KDa

NUCB2 / Nucleobindin 2 Antibody (Internal) - Additional Information**Gene ID** 4925**Other Names**

Nucleobindin-2, DNA-binding protein NEFA, Gastric cancer antigen Zg4, Prepronesfatin, Nesfatin-1, NUCB2, NEFA

Target/Specificity

Nucleobindin-2 antibody is predicted to not cross-react with NUCB1.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

NUCB2 / Nucleobindin 2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

NUCB2 / Nucleobindin 2 Antibody (Internal) - Protein Information**Name** NUCB2 ([HGNC:8044](#))**Synonyms** NEFA**Function**

Calcium-binding protein which may have a role in calcium homeostasis (By similarity). Acts as a non-receptor guanine nucleotide exchange factor which binds to and activates guanine nucleotide-binding protein (G-protein) alpha subunit GNAI3 (By similarity).

Cellular Location

Golgi apparatus. Membrane; Peripheral membrane protein. Cytoplasm Secreted. Endoplasmic reticulum. Nucleus envelope. Note=Golgi retention is mediated by its N-terminal region

Tissue Location

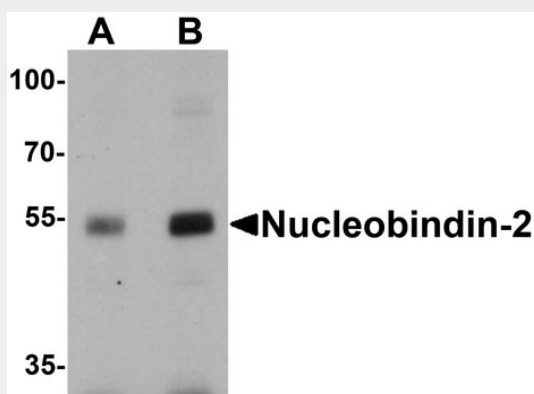
Predominantly expressed in spleen, testis and normal stomach.

NUCB2 / Nucleobindin 2 Antibody (Internal) - Protocols

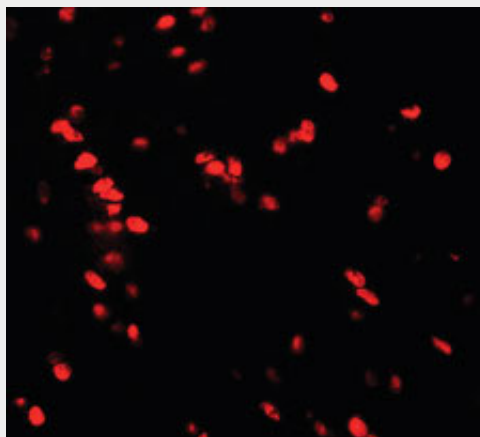
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NUCB2 / Nucleobindin 2 Antibody (Internal) - Images



Western blot analysis of Nucleobindin-2 in rat brain tissue lysate with Nucleobindin-2 antibody...



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

NUCB2 / Nucleobindin 2 Antibody (Internal) - Background

Calcium-binding protein. May have a role in calcium homeostasis.

NUCB2 / Nucleobindin 2 Antibody (Internal) - References

Barnikol-Watanabe S., et al. Biol. Chem. Hoppe-Seyler 375:497-512(1994).
Deangelis M.M., et al. Biochim. Biophys. Acta 1407:84-91(1998).

Line A.,et al.Br. J. Cancer 86:1824-1830(2002).
Yamada M.,et al.Endocrinology 151:2494-2503(2010).
Ota T.,et al.Nat. Genet. 36:40-45(2004).

NUCB2 / Nucleobindin 2 Antibody (Internal) - Citations

- [Insulinotropic nucleobindin-2/nesfatin-1 is dynamically expressed in the haemochorial mouse and human placenta.](#)