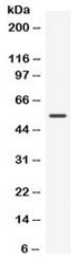
Nucb2 Antibody / Nucleobindin 2 (R32171)

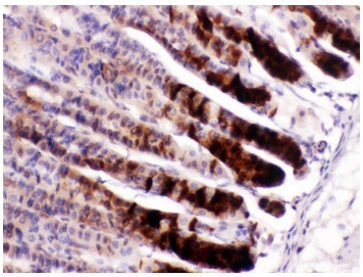
Catalog No.	Formulation	Size
R32171	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

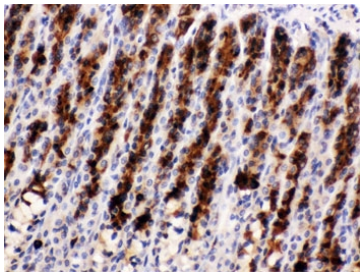
Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P81117
Applications	Western blot: 0.1-0.5ug/ml IHC (FFPE): 0.5-1ug/ml ELISA: 0.1-0.5ug/ml (mouse protein tested); request BSA-free format for coating
Limitations	This Nucb2 antibody is available for research use only.



Western blot testing of mouse HEPA cell lysate with Nucb2 antibody. Predicted molecular weight ~50 kDa.



IHC testing of FFPE mouse stomach with Nucb2 antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.



IHC testing of FFPE rat stomach with Nucb2 antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.

Description

Nucleobindin-2 is a calcium-binding EF-hand protein that in humans is encoded by the NUCB2 gene. By exon trapping and sequence analysis, the NUCB2 sequence has been identified on chromosome 11p15-p14. 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.

Application Notes

Optimal dilution of the Nucb2 antibody should be determined by the researcher.

Immunogen

Amino acids 25-106 of mouse Nucleobindin 2 were used as the immunogen for the Nucb2 antibody.

Storage

After reconstitution, the Nucb2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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