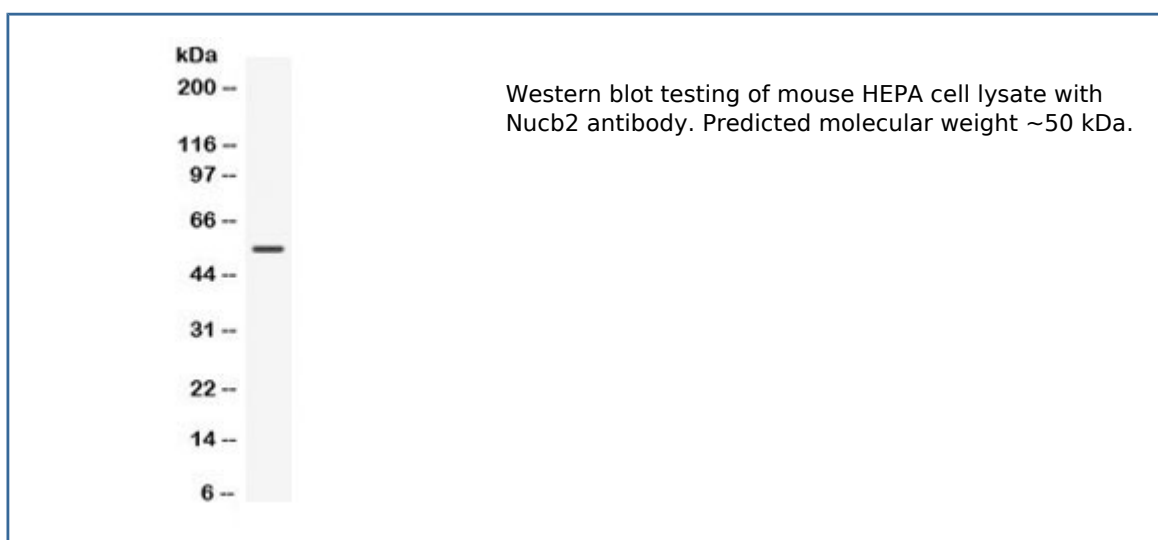


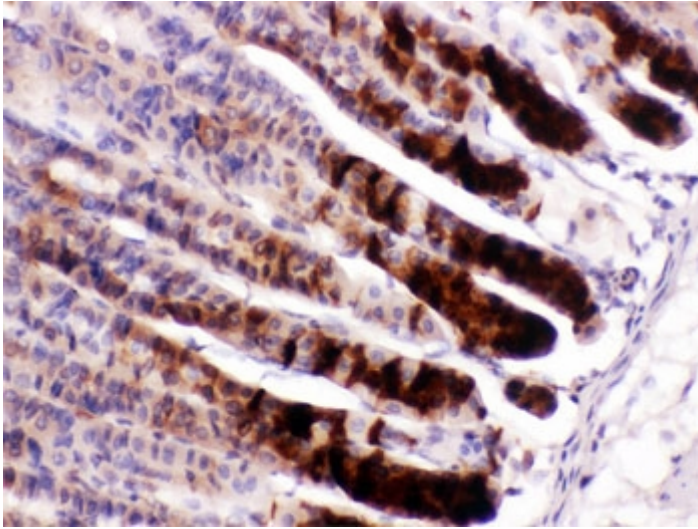
## Nucb2 Antibody / Nucleobindin 2 (R32171)

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

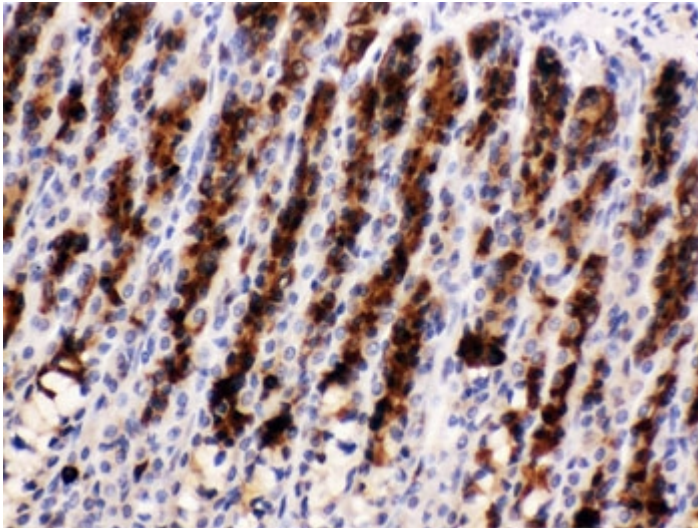
[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>UniProt</b>	P81117
<b>Applications</b>	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
<b>Limitations</b>	This Nucb2 antibody is available for research use only.





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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.