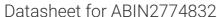
antibodies - online.com







anti-NUCB2 antibody (Middle Region)



Publications



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Quantity:	100 μL
Target:	NUCB2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Horse, Pig, Rabbit, Cow, Guinea Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUCB2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human NUCB2
Sequence:	MMKEHERREY LKTLNEEKRK EEESKFEEMK KKHENHPKVN HPGSKDQLKE
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 93%, Rat: 93%, Yeast: 91%
Characteristics:	This is a rabbit polyclonal antibody against NUCB2. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified
Target Details	

Target: NUCB2

Target Details

Alternative Name:	NUCB2 (NUCB2 Products)
Background:	Nucleobindin-2 is a calcium-binding EF-hand protein.
	Alias Symbols: NEFA
	Protein Interaction Partner: UBC, NEDD8, TUBB6, CAMK1D, NAE1, HSPA1L, CLU, GNAS, GNAI3,
	GADD45A, XPO1, SMARCD1, CUL2, NR1I2, NDN, STAR,
	Protein Size: 420
Molecular Weight:	46 kDa
Gene ID:	4925
NCBI Accession:	NM_005013, NP_005004
UniProt:	P80303

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 420 AA
Restrictions:	For Research Use only

Handling

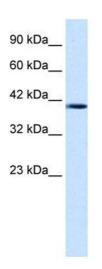
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Product cited in:

Bortnik, Choutka, Horlings, Leung, Baker, Lebovitz, Dragowska, Go, Bally, Minchinton, Gelmon, Gorski: "Identification of breast cancer cell subtypes sensitive to ATG4B inhibition." in:

Oncotarget, Vol. 7, Issue 41, pp. 66970-66988, (2016) (PubMed).

Images



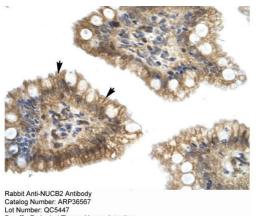
Western Blotting

Image 1. WB Suggested Anti-NUCB2 Antibody Titration:

1.25ug/ml

ELISA Titer: 1:312500

Positive Control: HepG2 cell lysate

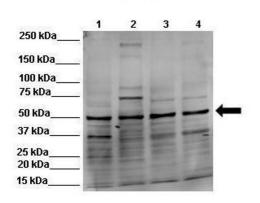


Immunohistochemistry

Image 2. Human Intestine

NUCB2

Paraffin Embeded Tissue: Human Intestine
Cells with Positive label: Epithelial cells of intestinal villus (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X



See Immunoblot 1 Data and Customer Feedback for more Information

Western Blotting

Image 3. Lanes: Lane 1:541 µg HEK293 lysate

Lane 2: 041 µg MDCK lysate

ane 3: 041 µg NMuMG lysate

ane 4: 041 µg MDAMB231 lysate

Primary Antibody Dilution: 1:0000

Secondary Antibody: Goat anti-rabbit-Alexa Fluor 680

Secondary Antibody Dilution: 1:00,000

Gene Name: NUCB2

Submitted by: Dr. Mikel Garcia-Marcos, Boston University School of Medicine

Please check the product details page for more images. Overall 5 images are available for ABIN2774832.