

A3994

Leader in Biomolecular Solutions for Life Science



## [KO Validated] NUCB1 Rabbit pAb

Catalog No.: A3994 **KO** Validated

### Basic Information

#### Observed MW

60kDa

#### Calculated MW

54kDa

#### Category

Polyclonal Antibody

#### Applications

WB,IF/ICC,ELISA

#### Cross-Reactivity

Human,Mouse,Rat

### Background

This gene encodes a member of a small calcium-binding EF-hand protein family. The encoded protein is thought to have a key role in Golgi calcium homeostasis and Ca(2+)-regulated signal transduction events.

### Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:100

### Immunogen Information

#### Gene ID

4924

#### Swiss Prot

Q02818

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 302-461 of human NUCB1 (NP\_006175.2).

#### Synonyms

NUC; CALNUC; B1

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

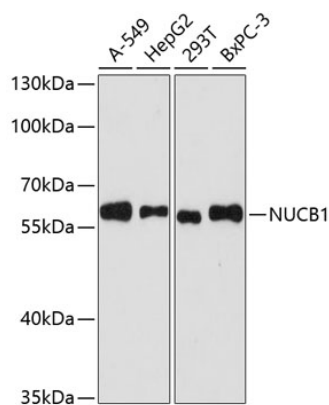
Affinity purification

#### Storage

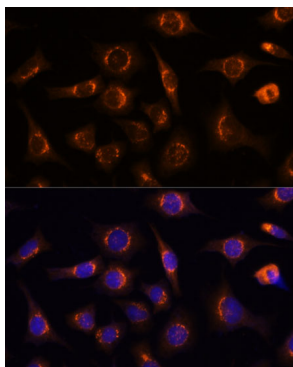
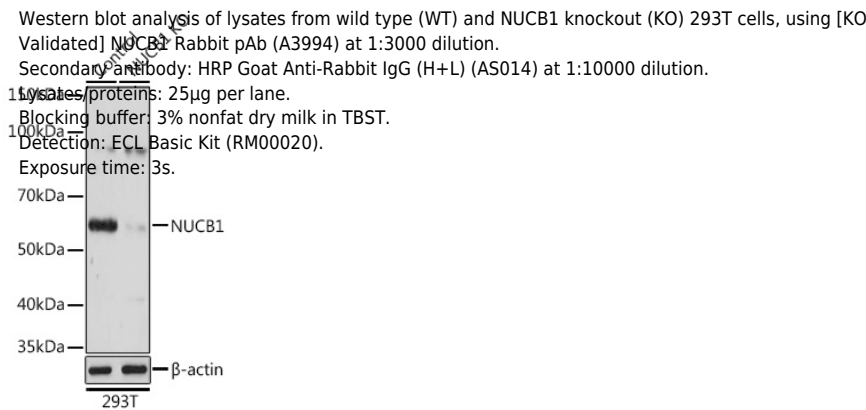
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

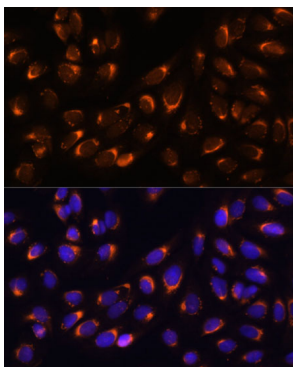
Validation Data



Western blot analysis of various lysates using [KO Validated] NUCB1 Rabbit pAb (A3994) at 1:3000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Immunofluorescence analysis of L929 cells using [KO Validated] NUCB1 Rabbit pAb (A3994) at dilution of 1:100 (40x lens).  
Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using [KO Validated] NUCB1 Rabbit pAb (A3994) at dilution of 1:100 (40x lens).  
Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.