

[KO Validated] NUCB1 Antibody

CAB3994

Description

This [KO Validated] NUCB1 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB3994

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: NUC, CALNUC, B1

Clone: -

Applications: WB IF/ICC ELISA

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 4924

Uniprot: AB_2765434

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 60kDa

Calculated MW: 54kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

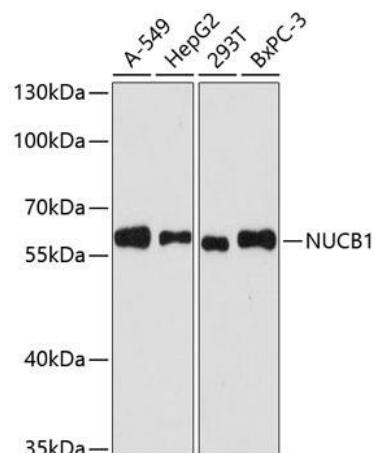
Positive Sample: A-549, HepG2, 293T, BxPC-3

Recommended Dilutions:

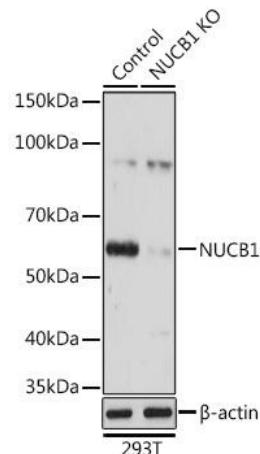
WB	1:500 - 1:2000
IF/ICC	1:50 - 1:100
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

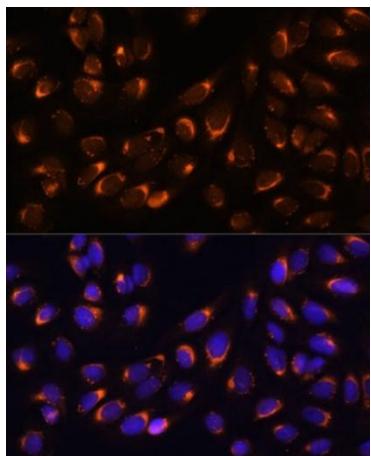
Validation Data



Western blot analysis of various lysates using [KO Validated] NUCB1 Rabbit pAb (CAB3994) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Western blot analysis of lysates from wild type (WT) and NUCB1 knockout (KO) 293T cells, using [KO Validated] NUCB1 Rabbit pAb (CAB3994) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3s.



Immunofluorescence analysis of U-2 OS cells using [KO Validated] NUCB1 Rabbit pAb (CAB3994) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.