

A6462

Leader in Biomolecular Solutions for Life Science



[KO Validated] NRBF2 Rabbit pAb

Catalog No.: A6462 **KO** Validated

Basic Information

Observed MW

38kDa

Calculated MW

32kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

Involved in autophagy. Located in cytoplasm. Colocalizes with phosphatidylinositol 3-kinase complex, class III.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

29982

Swiss Prot

Q96F24

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

COPR; COPR1; COPR2; NRBF-2; F2

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

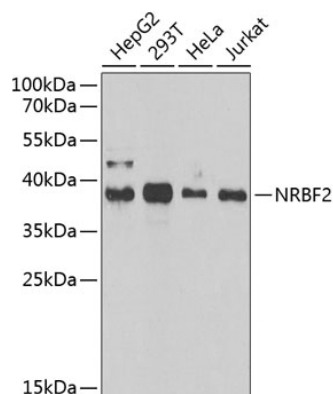
Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

Contact

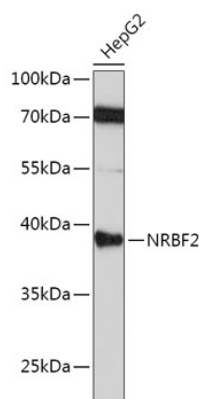


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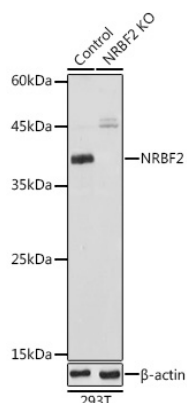
Validation Data



Western blot analysis of various lysates using NRBF2 Rabbit pAb (A6462) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated 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 Enhanced Kit (RM00021).
 Exposure time: 90s.

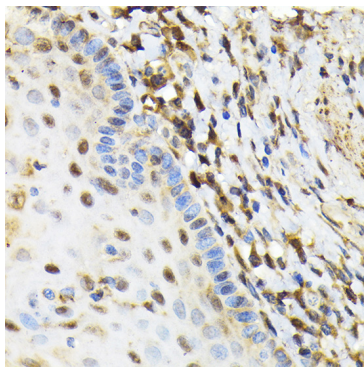


Western blot analysis of lysates from HepG2 cells, using [KO Validated] NRBF2 Rabbit pAb (A6462) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 3min.

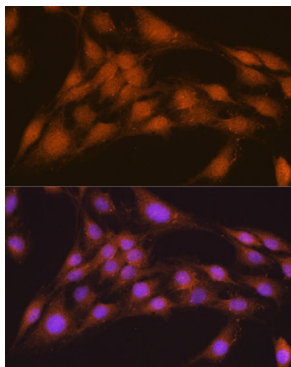


Western blot analysis of lysates from wild type (WT) and NRBF2 knockout (KO) 293T cells, using [KO Validated] NRBF2 Rabbit pAb (A6462) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 10s.

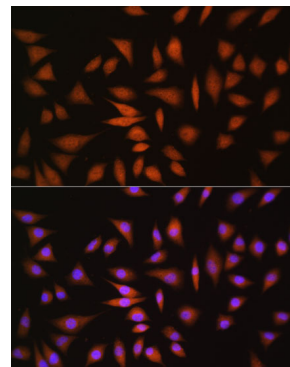
Validation Data



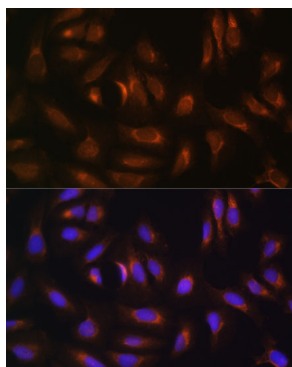
Immunohistochemistry analysis of paraffin-embedded Human esophageal using [KO Validated] NRBF2 Rabbit pAb (A6462) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



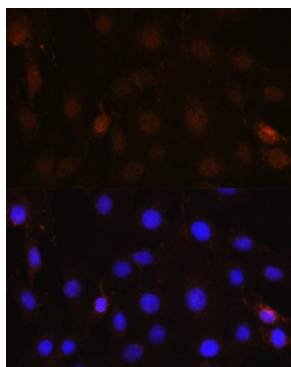
Immunofluorescence analysis of C6 cells using [KO Validated] NRBF2 Rabbit pAb (A6462) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



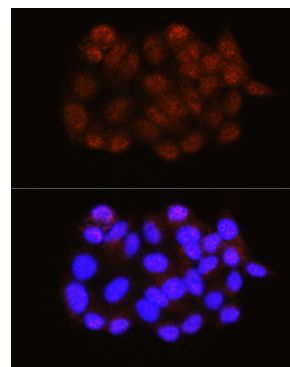
Immunofluorescence analysis of L929 cells using [KO Validated] NRBF2 Rabbit pAb (A6462) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



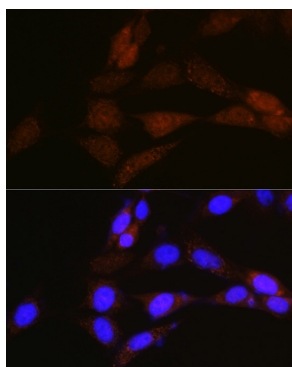
Immunofluorescence analysis of U-2 OS cells using [KO Validated] NRBF2 Rabbit pAb (A6462) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using NRBF2 Rabbit pAb (A6462) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using NRBF2 Rabbit pAb (A6462) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using NRBF2 Rabbit pAb (A6462) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

Validation Data

DAPI for nuclear staining.