

UFL1 Rabbit pAb

Catalog No.: A20528

Basic Information

Observed MW

90kDa

Calculated MW

90kDa

Category

Primary antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

Enables UFM1 ligase activity and protein kinase binding activity. Involved in several processes, including cellular protein modification process; regulation of signal transduction; and reticulophagy. Acts upstream of or within several processes, including positive regulation of cell population proliferation; regulation of proteasomal ubiquitin-dependent protein catabolic process; and response to endoplasmic reticulum stress. Located in endoplasmic reticulum membrane; nucleus; and site of double-strand break. Part of protein-containing complex.

Recommended Dilutions

WB 1:500 - 1:1000

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

23376

Swiss Prot

O94874

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 601-794 of human UFL1 (NP_056138.1).

Synonyms

NLBP; RCAD; Maxer; KIAA0776; UFL1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

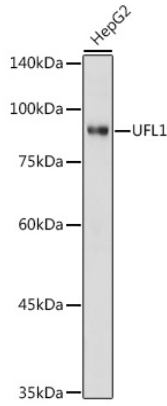
Affinity purification

Storage

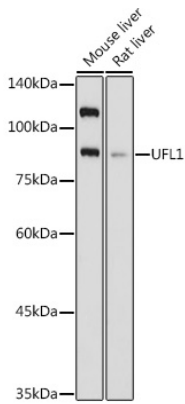
Store at -20°C. Avoid freeze / thaw cycles.

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

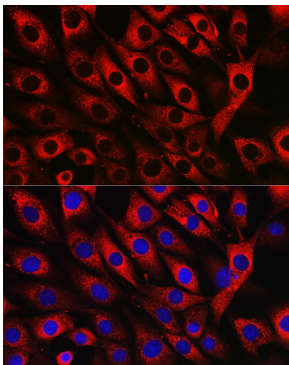
Validation Data



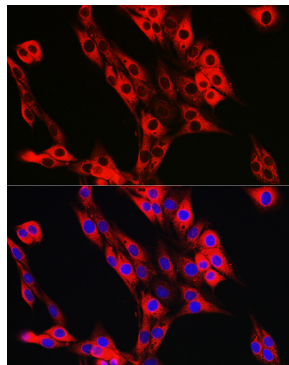
Western blot analysis of lysates from HepG2 cells, using UFL1 Rabbit pAb (A20528) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Western blot analysis of various lysates using UFL1 Rabbit pAb (A20528) 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: 3s.



Immunofluorescence analysis of NIH/3T3 cells using UFL1 Rabbit pAb (A20528) at dilution of 1:50 (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 PC-12 cells using UFL1 Rabbit pAb (A20528) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.