

Rabbit UFL1 Polyclonal Antibody | anti-UFL1 antibody

UFL1 Polyclonal Antibody

CATALOG # AAA179294	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
-------------------------------	-----------------------	--	---

PRODUCT SYNONYMS

UFL1; Polyclonal Antibody; UFL1 Polyclonal Antibody; NLBP; RCAD; Maxer; KIAA0776; anti-UFL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-UFL1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human UFL1
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



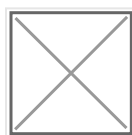
IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using UFL1 Polyclonal Antibody at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



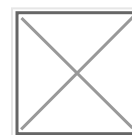
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using UFL1 Polyclonal Antibody at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using UFL1 Polyclonal Antibody at 1:1000 dilution.



WB (Western Blot)

Western blot analysis of extracts of HepG2 cells using UFL1 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-UFL1 antibody	E3 protein ligase that mediates ufmylation, the covalent attachment of the ubiquitin-like modifier UFM1 to lysine residues on target proteins, and which plays a key role in reticulophagy (also called ER-phagy induced in response to endoplasmic reticulum stress. In response to endoplasmic reticulum stress, recruited to the endoplasmic reticulum membrane by DDRGK1, and mediates ufmylation of proteins such as RPN1 and RPL26/uL24, thereby promoting reticulophagy of endoplasmic reticulum sheets. Ufmylation-dependent reticulophagy inhibits the unfolded protein response (UPR via ERN1/IRE1-alpha. Ufmylation in response to endoplasmic reticulum stress is essential for processes such as hematopoiesis, blood vessel morphogenesis or inflammatory response. Regulates inflammation in response to endoplasmic reticulum stress by promoting reticulophagy, leading to inhibit the activity of the NF-kappa-B transcription factor (By similarity.
Product Categories/Family for anti-UFL1 antibody	Antibodies; Primary Antibodies; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	24308039
NCBI GeneID	23376
NCBI Accession #	NP_056138.1
NCBI GenBank Nucleotide #	NM_015323.4
UniProt Accession #	O94874; Q8N765; Q9NTQ0; A0PJ53; B4DJ57; C0H5X5
Molecular Weight	89,595 Da
NCBI Official Full Name	E3 UFM1-protein ligase 1
NCBI Official Synonym Full Names	UFM1-specific ligase 1
NCBI Official Symbol	UFL1
NCBI Official Synonym Symbols	NLBP; RCAD; Maxer; KIAA0776
NCBI Protein Information	E3 UFM1-protein ligase 1; LZAP-binding protein; novel LZAP-binding protein; Regulator of CDK5RAP3 and DDRGK1
UniProt Protein Name	E3 UFM1-protein ligase 1
UniProt Gene Name	UFL1
UniProt Synonym Gene Names	KIAA0776; NLBP
UniProt Entry Name	UFL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/uffl1-antibody-immunofluorescence-western-blot-elisa/179294>