

Rabbit anti-Human, Mouse OTUB2 Polyclonal Antibody | anti-OTUB2 antibody

OTUB2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322584	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

OTUB2; Polyclonal Antibody; OTUB2 Antibody; C14orf137; Deubiquitinating enzyme OTUB2; FLJ21916; MGC3102; OTB2; OTU domain containing ubiquitin aldehyde binding protein 2; OTU domain; ubiquitin aldehyde binding 2; OTU domain-containing ubiquitin aldehyde-binding protein 2; OTU2; Otub2; OTUB2_HUMAN; Otubain 2; Otubain-2; Ubiquitin specific processing protease OTUB2; Ubiquitin specific protease otubain 2; Ubiquitin thioesterase OTUB2; Ubiquitin-specific-processing protease OTUB2; anti-OTUB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	OTUB2 antibody detects endogenous levels of total OTUB2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	234
Applicable Applications for anti-OTUB2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human OTUB2
Tissue Specificity	Widely expressed. Expressed at higher level in brain.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (89%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (89%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA322584 at 1/100 staining Human liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



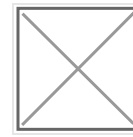
WB (Western Blot)

Western blot analysis of extracts from mouse brain, using OTUB2 Antibody. Lane 1 was treated with the blocking peptide.



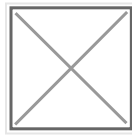
IF (Immunofluorescence)

AAA322584 staining COLO205 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis OTUB2 using HepG2 whole cell lysates



WB (Western Blot)

Western blot analysis of extracts from various samples, using OTUB2 Antibody. Lane 1: 293 treated with blocking peptide. Lane 2: 293; Lane 3: HeLa;

ADDITIONAL INFORMATION

Related Product Information for anti-OTUB2 antibody

Function: Hydrolase that can remove conjugated ubiquitin from proteins in vitro and may therefore play an important regulatory role at the level of protein turnover by preventing degradation. Mediates deubiquitination of 'Lys-11', 'Lys-48'-and 'Lys-63'-linked polyubiquitin chains, with a preference for 'Lys-63'-linked polyubiquitin chains. Similarity: Belongs to the peptidase C65 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12962939
NCBI GeneID	78990
NCBI Accession #	NP_075601.1
NCBI GenBank Nucleotide #	NM_023112.3
UniProt Accession #	Q96DC9; Q6IA10; Q9H6T1
Molecular Weight	Observed: 27 kDa Predicted: 28 kDa
NCBI Official Full Name	ubiquitin thioesterase OTUB2
NCBI Official Synonym Full Names	OTU deubiquitinase, ubiquitin aldehyde binding 2
NCBI Official Symbol	OTUB2
NCBI Official Synonym Symbols	OTB2; OTU2; C14orf137
NCBI Protein Information	ubiquitin thioesterase OTUB2
UniProt Protein Name	Ubiquitin thioesterase OTUB2
UniProt Gene Name	OTUB2
UniProt Synonym Gene Names	C14orf137; OTB2; OTU2

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/otub2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/322584>