

Rabbit OTUD5 Polyclonal Antibody | anti-OTUD5 antibody

OTUD5 Antibody

CATALOG # AAA39592	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

OTUD5; Polyclonal Antibody; OTUD5 Antibody; DUBA; OTU domain-containing protein 5; Deubiquitinating enzyme A; OTU domain containing 5; anti-OTUD5 antibody

PRODUCT SPECIFICATIONS

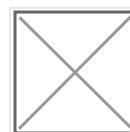
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	OTUD5 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	641
Applicable Applications for anti-OTUD5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	OTUD5 antibody was raised against a 13 amino acid synthetic peptide near the carboxy terminus of the human OTUD5.
Buffer	OTUD5 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	OTUD5 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of OTUD5 in Human Kidney cells with OTUD5 antibody at 20 µg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of OTUD5 in mouse kidney tissue with OTUD5 antibody at 2.5 µg/mL.



WB (Western Blot)

Western blot analysis of OTUD5 in human kidney lysate with OTUD5 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-OTUD5 antibody	OTUD5 Antibody: OTUD5 is a member of the OTU (ovarian tumor) domain-containing cysteine protease superfamily. The OTU domain confers deubiquitinase activity and OTUD5 has been shown to suppress the type I interferon (IFN-I)-dependent innate immune response by cleaving the polyubiquitin chain from TRAF3, an essential type I interferon adaptor protein. Cleavage results in disassociation of TRAF3 from a downstream signaling complex containing TBK1 and the disruption of the IFN-I signaling cascade, indicating that OTUD5 acts as a negative regulator of innate immune responses. It has been suggested that by suppressing IFN-I production, OTUD5 may function to inhibit the emergence of certain autoimmune disorders such as systemic lupus erythematosus. Multiple isoforms of OTUD5 are known to exist.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119571108
NCBI GeneID	55593
UniProt Accession #	Q96G74; Q4KMN9; Q8N6T5; Q9H650; Q9H9U0; Q9NT65; B4DGG7; G5E9D7
Molecular Weight	60,210 Da
NCBI Official Full Name	OTU domain containing 5, isoform CRA_b
NCBI Official Synonym Full Names	OTU deubiquitinase 5
NCBI Official Symbol	OTUD5
NCBI Official Synonym Symbols	DUBA
NCBI Protein Information	OTU domain-containing protein 5; OTU domain containing 5; deubiquinating enzyme A; deubiquitinating enzyme A
UniProt Protein Name	OTU domain-containing protein 5
UniProt Gene Name	OTUD5
UniProt Synonym Gene Names	DUBA
UniProt Entry Name	OTUD5_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/otud5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39592>