Rabbit anti-Human OTUD6B Polyclonal Antibody | anti-OTUD6B antibody

Anti-OTUD6B Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256607	**Rabbit**	**Human**	**Immunoprecipitation, Western Blot**

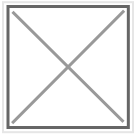
PRODUCT SYNONYMS

OTUD6B; Polyclonal Antibody; Anti-OTUD6B Antibody; Rabbit Polyclonal; OTUD6B Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-CGI-77 Antibody; Anti-DUBA-5 Antibody; Anti-DUBA5 Antibody; Anti-IDDFSDA Antibody; anti-OTUD6B antibody

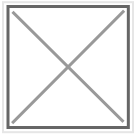
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human OTUD6B
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-OTUD6B antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human OTUD6B fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human OTUD6B fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)
OTUD6B was immunoprecipitated using:Lane A:0.5 mg 293T Whole Cell Lysate4 uL anti-OTUD6B rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G.Primary antibody:Anti-OTUD6B rabbit polyclonal antibody,at 1:100 dilutionSecondary antibody:Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilutionDeveloped using the ECL technique.Performed under reducing conditions.Predicted band size: 36 kDaObserved band size :36 kDa



WB (Western Blot)
Anti-OTUD6B rabbit polyclonal antibody at 1:500 dilutionLane A: 293T Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:34 kDaObserved band size:36 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-OTUD6B antibody	Deubiquitinating enzymes (or DUBs) are involved in the regulation of central biological processes, including DNA repair, apoptosis, oncogene expression and function, and checkpoint regulation. DUBs are classified in five groups including the ovarian tumor domain-containing DUBs (OTU family), which comprises enzymes that can display linkage-specificity in their recognition and cleavage of diubiquitin moieties. The OTUD6B gene (located on chromosome 8q21.3, 17 kb long) encodes a member of the ovarian tumor domain (OTU)-containing subfamily of deubiquitinating enzymes. OTUD6B shows a widespread expression pattern (The GTEx Portal1), and its primary transcript can be alternatively spliced to produce two main different splicing variants. The first isoform (NM_016023.3, OTUD6B-1) is characterized by seven exons with the start codon in the first one, whereas isoform 2 (NM_001286745.1, OTUD6B-2) includes an additional out-of-frame exon (from here named exon 3) that leads to a premature stop just after three residues. In non-small cell lung cancer, the two main OTUD6B isoforms have been shown to have opposite effects on global protein synthesis and DNA synthesis, with OTUD6B-1 stimulating protein and DNA synthesis and OTUD6B-2 repressing both processes. Biallelic mutations in the OTUD6B gene, were reported to cause an intellectual disability syndrome characterized by seizures and dysmorphic features.
References	Straniero L, et al. (2018) First replication of the involvement of otud6b in intellectual disability syndrome with seizures and dysmorphic features. Front Genet 9 464.Sobol A, et al. (2017) Deubiquitinase otud6b isoforms are important regulators of growth and proliferation. Mol Cancer Res 15 (2): 117-127.Santiago-Sim T, et al. (2017) Biallelic variants in otud6b cause an intellectual disability syndrome associated with seizures and dysmorphic features. Am J Hum Genet 100 (4): 676-688.

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/otud6b-antibody-immunoprecipitation-western-blot-elisa/256607