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OTUD6B Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5810b

Specification

OTUD6B Antibody (C-term) - Product Information

Application	**WB, FC,E**
Primary Accession	Q8N6M0
Other Accession	NP_057107.3
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**33813**
Antigen Region	**234-262**

OTUD6B Antibody (C-term) - Additional Information

Gene ID 51633

Other Names
OTU domain-containing protein 6B, DUBA-5, OTUD6B, DUBA5

Target/Specificity
This OTUD6B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 234-262 amino acids from the C-terminal region of human OTUD6B.

Dilution
WB~~1:1000
FC~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
OTUD6B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OTUD6B Antibody (C-term) - Protein Information

Name OTUD6B (HGNC:24281)

Synonyms DUBA5

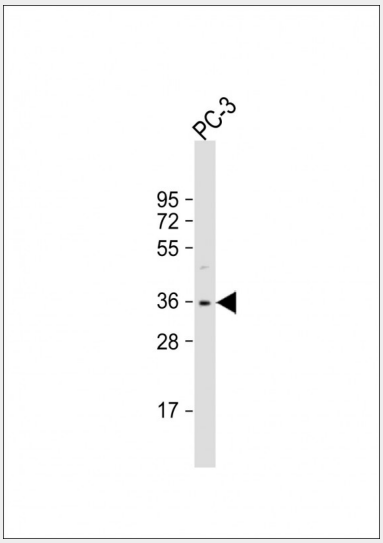
Function [Isoform 1]: Deubiquitinating enzyme that may play a role in the ubiquitin-dependent regulation of protein synthesis, downstream of mTORC1 (PubMed:21267069, PubMed:27864334). May associate with the protein synthesis initiation complex and modify its ubiquitination to repress translation (PubMed:27864334). May also repress DNA synthesis and modify different cellular targets thereby regulating cell growth and proliferation (PubMed:27864334). May also play a role in proteasome assembly and function (PubMed:28343629).

OTUD6B Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

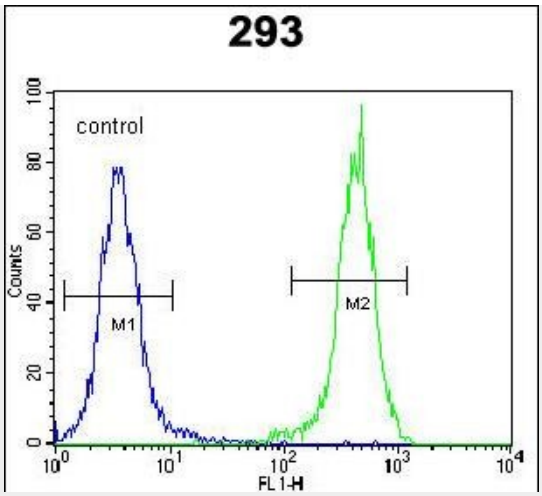
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

OTUD6B Antibody (C-term) - Images



Anti-OTUD6B Antibody (C-term) at 1:1000 dilution + PC-3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 34 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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OTUD6B Antibody (C-term) (Cat. #AP5810b) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

OTUD6B Antibody (C-term) - Background

Deubiquitinating enzymes (DUBs; see MIM 603478) are proteases that specifically cleave ubiquitin (MIM 191339) linkages, negating the action of ubiquitin ligases. DUBA5 belongs to a DUB subfamily characterized by an ovarian tumor (OTU) domain.[supplied by OMIM].

OTUD6B Antibody (C-term) - References

Kimura, K., et al. Genome Res. 16(1):55-65(2006)
Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004) :