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OTUD6B Rabbit pAb

Catalog # AP98208

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q8N6M0
Other Accession	Q8N6M0
Reactivity	Mouse
Predicted	Human, Rabbit, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33813
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human OTUD6B
Epitope Specificity	51-150/293
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 OTU domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the ovarian tumor domain (OTU)-containing subfamily of deubiquitinating enzymes. Deubiquitinating enzymes are primarily involved in removing ubiquitin from proteins targeted for degradation. This protein may function as a negative regulator of the cell cycle in B cells. [provided by RefSeq, Nov 2013]

Additional Information

Gene ID	51633
Other Names	CGI-77; DUBA-5; DUBA5; IDDFSDA; 2600013N14Rik; OTU6B_HUMAN; OTUD6B; OTU domain-containing protein 6B; 3.4.19.12; OTU6B_MOUSE; OTU deubiquitinase 6B; OTU domain containing 6B
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.