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Rabbit Anti-OTUD5/DUBA antibody

SL17566R

Product Name:	OTUD5/DUBA
Chinese Name:	去Ubiquitin酶A抗体
Alias:	Deubiquinating enzyme A; Deubiquitinating enzyme A; DKFZp761A052; DUBA; MGC104871; OTTHUMP00000025821; OTU domain containing 5; OTU domain containing protein 5; OTU domain-containing protein 5; OTUD 5; otud5; OTUD5_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	61kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human OTUD5/DUBA :501-571/571
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	This gene encodes a member of the OTU (ovarian tumor) domain-containing cysteine protease superfamily. The OTU domain confers deubiquitinase activity and the encoded protein has been shown to suppress the type I interferon-dependent innate immune response by cleaving the polyubiquitin chain from an essential type I interferon adaptor

protein. Cleavage results in disassociation of the adaptor protein from a downstream signaling complex and disruption of the type I interferon signaling cascade. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Oct 2008]

Function:
Negative regulator of innate immune system. Has deubiquitinating activity that is directed towards 'Lys-63'-linked polyubiquitin chains. Acts via TRAF3 deubiquitination and subsequent suppression of type I interferon (IFN) production.

Subunit:
Interacts with TRAF3.

Tissue Specificity:
Expressed in various tissues, including the liver and placenta, as well as in peripheral blood leukocytes.

Post-translational modifications:
Phosphorylation at Ser-177 is required for deubiquitinating activity.

Similarity:
Belongs to the peptidase C85 family.
Contains 1 OTU domain.

SWISS:
Q96G74

Gene ID:
55593

Database links:

Entrez Gene: 55593 Human

Entrez Gene: 54644 Mouse

Entrez Gene: 363452 Rat

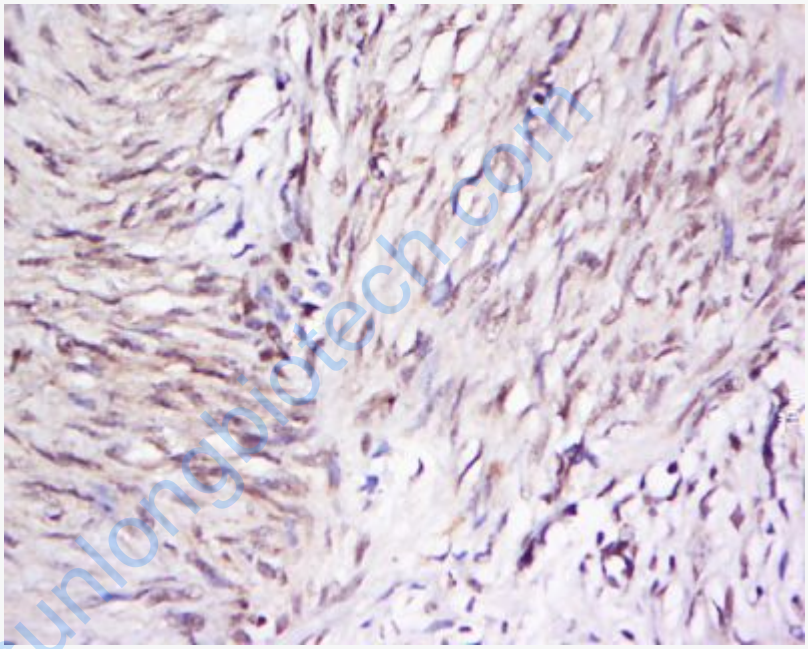
Omim: 300713 Human

SwissProt: Q96G74 Human

SwissProt: Q3U2S4 Mouse

SwissProt: Q2YDU3 Rat

Unigene: 496098 Human

	Unigene: 142827 Mouse Unigene: 97794 Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Picture:	 Tissue/cell: human cervical cancer; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min; Incubation: Anti-OTUD5 Polyclonal Antibody, Unconjugated(SL17566R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining