

OTUD5/DUBA Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56745**Specification**

OTUD5/DUBA Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	O96G74
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	60626

OTUD5/DUBA Polyclonal Antibody - Additional Information**Gene ID** 55593**Other Names**

OTU domain-containing protein 5, 3.4.19.12, Deubiquitinating enzyme A, DUBA, OTUD5

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

OTUD5/DUBA Polyclonal Antibody - Protein Information**Name** OTUD5 ([HGNC:25402](#))**Function**

Deubiquitinating enzyme that functions as a negative regulator of the innate immune system (PubMed:17991829, PubMed:22245969, PubMed:23827681, PubMed:33523931). Has peptidase activity towards 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains (PubMed:22245969). Can also cleave 'Lys-11'-linked ubiquitin chains (in vitro) (PubMed:22245969). Acts via TRAF3 deubiquitination and subsequent suppression of type I interferon (IFN) production (PubMed:17991829). Controls neuroectodermal differentiation through cleaving 'Lys-48'-linked ubiquitin chains to counteract degradation of select chromatin regulators such as ARID1A, HDAC2 and HCF1 (PubMed:33523931). Acts as a positive regulator of mTORC1 and mTORC2 signaling following phosphorylation by MTOR: acts by mediating deubiquitination of BTRC, leading to its stability (PubMed:33110214).

Cellular Location

Nucleus.

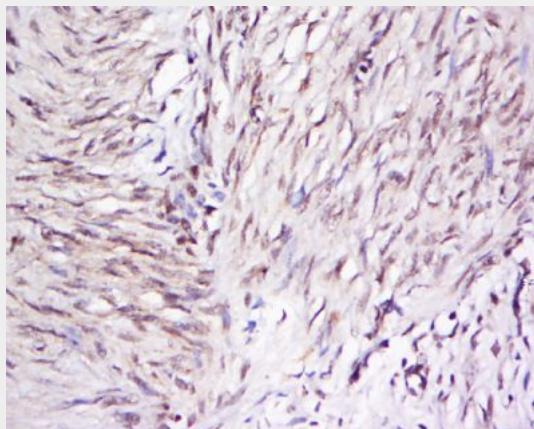
Tissue Location

Expressed in various tissues, including the liver and placenta, as well as in peripheral blood leukocytes

OTUD5/DUBA Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

OTUD5/DUBA Polyclonal Antibody - Images

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°C for 20 min;

Incubation: Anti-OTUD5 Polyclonal Antibody, Unconjugated(bs-17566R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining