

DUBA Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2790a**Specification**

DUBA Antibody (internal region) - Product Information

Application	E
Primary Accession	Q96G74
Other Accession	NP_060072.1 , 55593 , 54644 (mouse) , 363452 (rat)
Predicted	Human, Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	60626

DUBA Antibody (internal region) - Additional Information**Gene ID** 55593**Other Names**

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

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DUBA Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

DUBA Antibody (internal region) - 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

DUBA Antibody (internal region) - 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](#)

DUBA Antibody (internal region) - Images**DUBA Antibody (internal region) - References**

DUBA: a deubiquitinase that regulates type I interferon production. Kayagaki N, Phung Q, Chan S, Chaudhari R, Quan C, O'Rourke KM, Eby M, Pietras E, Cheng G, Bazan JF, Zhang Z, Arnott D, Dixit VM. Science. 2007 Dec 7;318(5856):1628-32. Epub 2007 Nov 8 PMID: 17991829