

Goat Anti-OTUB2 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1767a

Specification

Goat Anti-OTUB2 Antibody - Product Information

Application	WB
Primary Accession	O96DC9
Other Accession	NP_075601 , 78990 , 68149 (mouse) , 314405 (rat)
Reactivity	Human
Predicted	Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	27213

Goat Anti-OTUB2 Antibody - Additional Information

Gene ID 78990

Other Names

Ubiquitin thioesterase OTUB2, 3.4.19.12, Deubiquitinating enzyme OTUB2, OTU domain-containing ubiquitin aldehyde-binding protein 2, Otubain-2, Ubiquitin-specific-processing protease OTUB2, OTUB2, C14orf137, OTB2, OTU2

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, 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

Goat Anti-OTUB2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-OTUB2 Antibody - Protein Information

Name OTUB2

Synonyms C14orf137, OTB2, OTU2

Function

Hydrolase that can remove conjugated ubiquitin from proteins in vitro and may therefore play an

important regulatory role at the level of protein turnover by preventing degradation. Mediates deubiquitination of 'Lys-11-', 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains, with a preference for 'Lys-63'-linked polyubiquitin chains.

Tissue Location

Widely expressed. Expressed at higher level in brain.

Goat Anti-OTUB2 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](#)

Goat Anti-OTUB2 Antibody - Images



AF1767a (1 µg/ml) staining of Human Cerebellum lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-OTUB2 Antibody - Background

Otubains are deubiquitylating cysteine proteases (DUBs; see MIM 602519) that belong to the ovarian tumor (OTU) protein superfamily. Like other DUBs, otubains cleave proteins precisely at the ubiquitin (UB; see MIM 191339)-protein bond.

Goat Anti-OTUB2 Antibody - References

Regulation of virus-triggered signaling by OTUB1- and OTUB2-mediated deubiquitination of TRAF3 and TRAF6. Li S, et al. J Biol Chem, 2010 Feb 12. PMID 19996094.

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Structural basis and specificity of human otubain 1-mediated deubiquitination. Edelmann MJ, et al. Biochem J, 2009 Mar 1. PMID 18954305.

Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al.

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