

## Goat anti-OTUB1 Antibody

Item Number	dAP-1500
Target Molecule	Principle Name: OTUB1; Official Symbol: OTUB1; All Names and Symbols: OTUB1; OTU domain, ubiquitin aldehyde binding 1; FLJ20113; FLJ40710; HSPC263; MGC111158; MGC4584; OTB1; OTU1; OTU-domain Ubal-binding 1; otubain 1; ubiquitin-specific protease otubain 1; Accession Number (s): NP_060140.2; Human Gene ID(s): 55611; Non-Human GeneID(s): 107260 (mouse) 293705 (rat)
Immunogen	YKEYAEDDNIYQK, is from internal region
Applications	Pep ELISA, WB Species Tested: Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx. 30kDa band observed in Mouse Brain lysates (calculated MW of 31.3kDa according to Human NP_060140.2 and Mouse NP_598911.1). Recommended concentration: 0.03-0.1µg/ml.
IHC	
Reference	Reference(s): Juris SJ, Shah K, Shokat K, Dixon JE, Vacratsis PO. Identification of otubain 1 as a novel substrate for the Yersinia protein kinase using chemical genetics and mass spectrometry. FEBS Lett. 2006 Jan 9;580(1):179-83..PMID: 16364312->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**