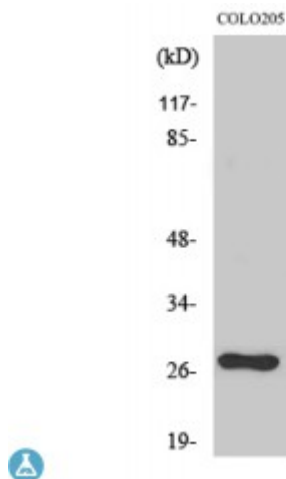


Anti-OTUB2 antibody



Description

OTUB2 is a protein encoded by the OTUB2 gene which is approximately 27,2 kDa. OTUB2 is localised to the nucleus. It is involved in the metabolism of proteins, deubiquitination and ovarian tumor domain proteases. OTUB2 is one of several deubiquitylating enzymes. It is a 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. Ubiquitin modification of proteins is needed for their stability and function. OTUB2 is widely expressed with higher expression in the brain. STJ94840 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of OTUB2 protein.

Model	STJ94840
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human OTUB2
Immunogen Region	110-190 aa, Internal
Gene ID	78990
Gene Symbol	OTUB2
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	OTUB2 Polyclonal Antibody detects endogenous levels of OTUB2 protein.
Tissue Specificity	Widely expressed. Expressed at higher level in brain.

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Ubiquitin thioesterase OTUB2 Deubiquitinating enzyme OTUB2 OTU domain-containing ubiquitin aldehyde-binding protein 2 Otubain-2 Ubiquitin-specific-processing protease OTUB2
Molecular Weight	27 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:20351OMIM:608338
Alternative Names	Ubiquitin thioesterase OTUB2 Deubiquitinating enzyme OTUB2 OTU domain-containing ubiquitin aldehyde-binding protein 2 Otubain-2 Ubiquitin-specific-processing protease OTUB2
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.