



## Rabbit Anti-OTUB2 antibody

SL6236R

<b>Product Name:</b>	OTUB2
<b>Chinese Name:</b>	Ubiquitin特异性蛋白酶Otubain2抗体
<b>Alias:</b>	C14orf137; Deubiquitinating enzyme OTUB2; OTB2; OTU domain containing ubiquitin aldehyde binding protein 2; OTU domain, ubiquitin aldehyde binding 2; OTU domain-containing ubiquitin aldehyde-binding protein 2; OTU2; OTUB2_HUMAN; Otubain 2; Otubain-2; Ubiquitin specific processing protease OTUB2; Ubiquitin specific protease otubain 2; Ubiquitin thioesterase OTUB2; Ubiquitin-specific-processing protease OTUB2.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	27kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human OTUB:21-110/234
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene encodes one of several deubiquitylating enzymes. Ubiquitin modification of proteins is needed for their stability and function; to reverse the process, deubiquityling

enzymes remove ubiquitin. This protein contains an OTU domain and binds Ubal (ubiquitin aldehyde); an active cysteine protease site is present in the OTU domain.

**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 both 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains, with a preference for 'Lys-63'-linked polyubiquitin chains.

**Tissue Specificity:**

Widely expressed. Expressed at higher level in brain.

**Similarity:**

Belongs to the peptidase C65 family.  
Contains 1 OTU domain.

**SWISS:**

Q96DC9

**Gene ID:**

78990

**Database links:**

[Entrez Gene: 504880](#)Cow

[Entrez Gene: 78990](#)Human

[Entrez Gene: 68149](#)Mouse

[Entrez Gene: 314405](#)Rat

[Omim: 608338](#)Human

[SwissProt: Q96DC9](#)Human

[SwissProt: Q9CQX0](#)Mouse

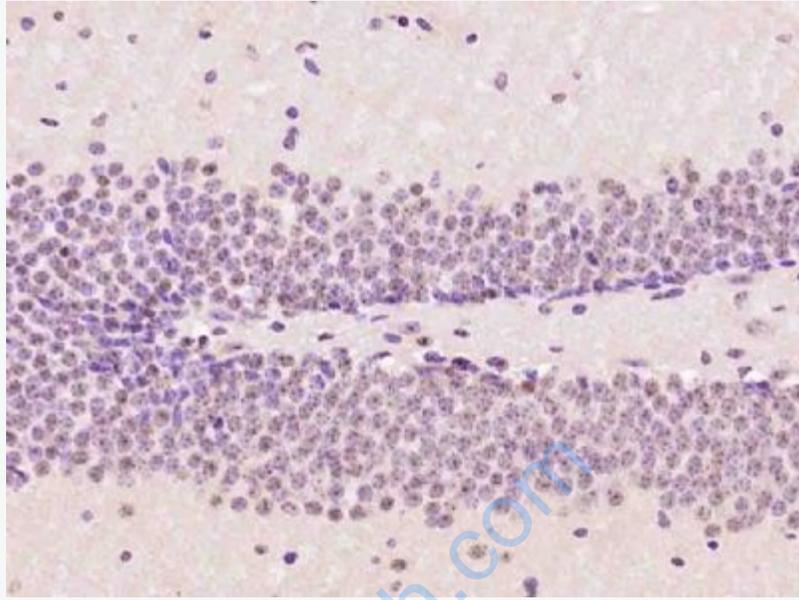
[Unigene: 278815](#)Human

[Unigene: 127378](#)Mouse

[Unigene: 18862](#)Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



**Picture:**

Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (OTUB2) Polyclonal Antibody, Unconjugated (SL6236R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.