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Anti-OTUB2 Antibody

Catalog # AP51410

Product Information

Application	WB, IHC
Primary Accession	Q96DC9
Reactivity	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27213

Additional Information

Gene ID	78990
Other Names	C14orf137; OTB2; OTU2; Ubiquitin thioesterase OTUB2; Deubiquitinating enzyme OTUB2; OTU domain-containing ubiquitin aldehyde-binding protein 2; Otubain-2; Ubiquitin-specific-processing protease OTUB2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human OTUB2. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

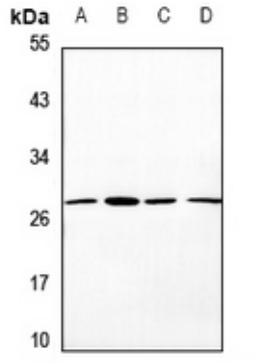
Protein Information

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.

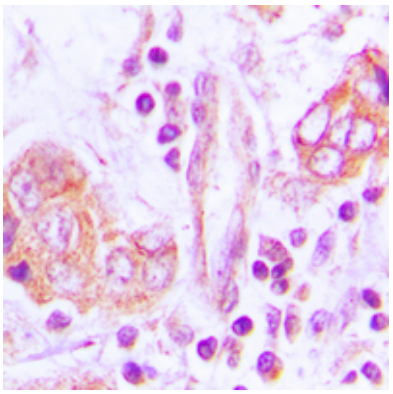
References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Heilig R.,et al.Nature 421:601-607(2003).
Edelmann M.J.,et al.Biochem. J. 418:379-390(2009).

Images



Western blot analysis of OTUB2 expression in HepG2 (A), SGC7901 (B), AML12 (C), H9C2 (D) whole cell lysates. (Predicted band size: 27 kD; Observed band size: 27 kD)



Immunohistochemical analysis of OTUB2 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.