

OTUB2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14463a**Specification**

OTUB2 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q96DC9](#)**OTUB2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 78990**Other Names**

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

OTUB2 Antibody (N-term) Blocking Peptide - 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.

OTUB2 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

OTUB2 Antibody (N-term) Blocking Peptide - Images

OTUB2 Antibody (N-term) Blocking Peptide - 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.

OTUB2 Antibody (N-term) Blocking Peptide - References

Li, S., et al. J. Biol. Chem. 285(7):4291-4297(2010) Sowa, M.E., et al. Cell 138(2):389-403(2009) Edelmann, M.J., et al. Biochem. J. 418(2):379-390(2009) Lamesch, P., et al. Genomics 89(3):307-315(2007) Nanao, M.H., et al. EMBO Rep. 5(8):783-788(2004)