

UBE4A Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP14678c**Specification**

UBE4A Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O14139](#)**UBE4A Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 9354**Other Names**

Ubiquitin conjugation factor E4 A, 632-, UBE4A (HGNC:12499)

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.

UBE4A Antibody (Center) Blocking Peptide - Protein Information**Name** UBE4A ([HGNC:12499](#))**Function**

Ubiquitin-protein ligase that probably functions as an E3 ligase in conjunction with specific E1 and E2 ligases. May also function as an E4 ligase mediating the assembly of polyubiquitin chains on substrates ubiquitinated by another E3 ubiquitin ligase. Mediates 'Lys-48'-linked polyubiquitination of substrates.

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:E9Q735}.

UBE4A Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

UBE4A Antibody (Center) Blocking Peptide - Images

UBE4A Antibody (Center) Blocking Peptide - Background

The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes an additional conjugation factor, E4, which is involved in multiubiquitin chain assembly.

UBE4A Antibody (Center) Blocking Peptide - References

Shi, D., et al. Proc. Natl. Acad. Sci. U.S.A. 106(38):16275-16280(2009) Sakiyama, T., et al. Inflamm. Bowel Dis. 14(3):310-317(2008) Yang, Y., et al. Xi Bao Yu Fen Zi Mian Yi Xue Za Zhi 23(6):504-506(2007) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) Spinette, S., et al. Cell Cycle 3(12):1638-1644(2004)