

ARIH2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14375b

Specification

ARIH2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [095376](#)

ARIH2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 10425

Other Names

E3 ubiquitin-protein ligase ARIH2, ARI-2, Protein ariadne-2 homolog, 632-, Triad1 protein, ARIH2, ARI2, TRIAD1

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.

ARIH2 Antibody (C-term) Blocking Peptide - Protein Information

Name ARIH2

Synonyms ARI2, TRIAD1 {ECO:0000303|PubMed:1611831}

Function

E3 ubiquitin-protein ligase, which catalyzes ubiquitination of target proteins together with ubiquitin-conjugating enzyme E2 UBE2L3 (PubMed:16118314, PubMed:17646546, PubMed:19340006, PubMed:24076655). Acts as an atypical E3 ubiquitin-protein ligase by working together with cullin-5-RING ubiquitin ligase complex (ECS complex, also named CRL5 complex) and initiating ubiquitination of ECS substrates: associates with ECS complex and specifically mediates addition of the first ubiquitin on ECS targets (By similarity). The initial ubiquitin is then elongated (By similarity). E3 ubiquitin-protein ligase activity is activated upon binding to neddylated form of the ECS complex (PubMed:24076655). Mediates 'Lys-6', 'Lys-48'- and 'Lys-63'-linked polyubiquitination (PubMed:16118314, PubMed:17646546, PubMed:19340006, PubMed:24076655).

[19340006](http://www.uniprot.org/citations/19340006)). May play a role in myelopoiesis (PubMed: [19340006](http://www.uniprot.org/citations/19340006)).

Cellular Location

Nucleus. Cytoplasm

Tissue Location

Widely expressed with higher expression in granulocytes.

ARIH2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ARIH2 Antibody (C-term) Blocking Peptide - Images**ARIH2 Antibody (C-term) Blocking Peptide - Background**

E3 ubiquitin-protein ligase mediating 'Lys-48'-and 'Lys-63'-linked polyubiquitination and subsequent proteasomal degradation of modified proteins. May play a role in myelopoiesis.

ARIH2 Antibody (C-term) Blocking Peptide - References

Marteijn, J.A., et al. Leukemia 23(8):1480-1489(2009)Marteijn, J.A., et al. Blood 110(9):3128-3135(2007)Matsuoka, S., et al. Science 316(5828):1160-1166(2007)Marteijn, J.A., et al. Blood 106(13):4114-4123(2005)Stelzl, U., et al. Cell 122(6):957-968(2005)