

PTPN23 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17418b**Specification**

PTPN23 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9H3S7](#)**PTPN23 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 25930**Other Names**

Tyrosine-protein phosphatase non-receptor type 23, His domain-containing protein tyrosine phosphatase, HD-PTP, Protein tyrosine phosphatase TD14, PTP-TD14, PTPN23, KIAA1471

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.

PTPN23 Antibody (C-term) Blocking Peptide - Protein Information**Name** PTPN23**Synonyms** KIAA1471**Function**

Plays a role in sorting of endocytic ubiquitinated cargos into multivesicular bodies (MVBs) via its interaction with the ESCRT-I complex (endosomal sorting complex required for transport I), and possibly also other ESCRT complexes (PubMed:18434552, PubMed:21757351). May act as a negative regulator of Ras-mediated mitogenic activity (PubMed:18434552). Plays a role in ciliogenesis (PubMed:20393563).

Cellular Location

Nucleus. Cytoplasm. Cytoplasmic vesicle. Endosome. Cytoplasm, cytoskeleton, cilium basal body. Early endosome

PTPN23 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PTPN23 Antibody (C-term) Blocking Peptide - Images**PTPN23 Antibody (C-term) Blocking Peptide - Background**

PTPN23 may act as a negative regulator of Ras-mediated mitogenic activity.

PTPN23 Antibody (C-term) Blocking Peptide - References

Mariotti, M., et al. Int. J. Biochem. Cell Biol. 41(3):687-693(2009) Mariotti, M., et al. Cancer Lett. 273(1):155-163(2009) Gingras, M.C., et al. PLoS ONE 4 (4), E5105 (2009) :Castiglioni, S., et al. Biochem. Biophys. Res. Commun. 364(3):534-539(2007) Matsuoka, S., et al. Science 316(5828):1160-1166(2007)