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PTPN23 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP17418b

Specification

PTPN23 Antibody (C-term) Blocking Peptide - Product Information

Primary 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

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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)