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FXYD6 Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP20610c

Specification

FXYD6 Blocking Peptide (C-term) - Product Information

Primary Accession	Q9H0Q3
Other Accession	Q4R566

FXYD6 Blocking Peptide (C-term) - Additional Information

Gene ID 53826

Other Names
FXYD domain-containing ion transport regulator 6, Phosphohippolin, FXYD6

Target/Specificity
The synthetic peptide sequence is selected from aa 81-95 of HUMAN FXYD6

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.

FXYD6 Blocking Peptide (C-term) - Protein Information

Name FXYD6 (HGNC:4030)

Function
Associates with and regulates the activity of the sodium/potassium-transporting ATPase (NKA) which catalyzes the hydrolysis of ATP coupled with the exchange of Na(+) and K(+) ions across the plasma membrane. Reduces the apparent affinity for intracellular Na(+) with no change in the apparent affinity for extracellular K(+) (PubMed:33231612). In addition to modulating NKA kinetics, may also function as a regulator of NKA localization to the plasma membrane (By similarity).

Cellular Location
Cell membrane {ECO:0000250|UniProtKB:Q91XV6}; Single-pass type I membrane protein

FXYD6 Blocking Peptide (C-term) - Protocols

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

- Blocking Peptides

FXYD6 Blocking Peptide (C-term) - Images

FXYD6 Blocking Peptide (C-term) - References

Wiemann S.,et al.Genome Res. 11:422-435(2001).
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Brandenberger R.,et al.Nat. Biotechnol. 22:707-716(2004).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.