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F8A2 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP11393a

Specification

F8A2 Antibody (N-term) Blocking peptide - Product Information

Primary Accession P23610

F8A2 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 474383;474384;8263

Other Names
Factor VIII intron 22 protein, CpG island protein, F8A1, F8A

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.

F8A2 Antibody (N-term) Blocking peptide - Protein Information

Name F8A1

Function
RAB5A effector molecule that is involved in vesicular trafficking of early endosomes (PubMed:16476778). Mediates the recruitment of HTT by RAB5A onto early endosomes. The HTT- F8A1/F8A2/F8A3-RAB5A complex stimulates early endosomal interaction with actin filaments and inhibits interaction with microtubules, leading to the reduction of endosome motility (PubMed:16476778).

Cellular Location
Cytoplasm. Nucleus. Early endosome. Nucleus, nuclear body {ECO:0000250|UniProtKB:Q00558}. Note=Diffuse presence in the cytoplasm and accumulation in the nucleus (PubMed:16476778). In absence of HTT, F8A1/F8A2/F8A3 is concentred in cytoplasm (By similarity). Colocalized with HTT in endosomes (PubMed:16476778). In neuron found in intranuclear structures, the intranuclear rodlets (INRs), also known as rodlets of Roncoroni, in association with ubiquitin (By similarity) {ECO:0000250|UniProtKB:Q00558, ECO:0000269|PubMed:16476778}

Tissue Location
Produced abundantly in a wide variety of cell types

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F8A2 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

F8A2 Antibody (N-term) Blocking peptide - Images

F8A2 Antibody (N-term) Blocking peptide - Background

This gene is part of a region that is repeated three timeson chromosome X, once in intron 22 of the F8 gene and twice closerto the Xq telomere. This record represents the middle copy.Although its function is unknown, the observation that this gene isconserved in the mouse implies it has some function. Unlike factorVIII, this gene is transcribed abundantly in a wide variety of celltypes.

F8A2 Antibody (N-term) Blocking peptide - References

Bagnall, R.D., et al. Genome Res. 15(2):214-223(2005)Naylor, J.A., et al. Hum. Mol. Genet. 4(7):1217-1224(1995)