

F8A2 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11393a**Specification**

F8A2 Antibody (N-term) Blocking peptide - Product InformationPrimary 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 concentrated 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

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 times on chromosome X, once in intron 22 of the F8 gene and twice close to the Xq telomere. This record represents the middle copy. Although its function is unknown, the observation that this gene is conserved in the mouse implies it has some function. Unlike factor VIII, this gene is transcribed abundantly in a wide variety of cell types.

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)