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# F8A2 Antibody (N-term)

**Affinity Purified Rabbit Polyclonal Antibody (Pab)**
**Catalog # AP11393a**

## Specification

### F8A2 Antibody (N-term) - Product Information

| | |
|---|---|
| Application | **WB,E** |
| Primary Accession | P23610 |
| Other Accession | NP_001007525.1, NP_001007524.1, NP_036283.2 |
| Reactivity | **Human** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **Rabbit IgG** |
| Antigen Region | **12-40** |

### F8A2 Antibody (N-term) - Additional Information

**Gene ID** 474383;474384;8263

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

**Target/Specificity**
This F8A2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 12-40 amino acids from the N-terminal region of human F8A2.

**Dilution**
WB~~1:1000

**Format**
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**
F8A2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### F8A2 Antibody (N-term) - 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}

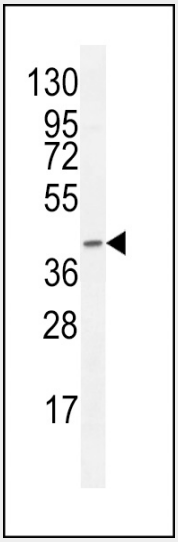
**Tissue Location**
Produced abundantly in a wide variety of cell types

## F8A2 Antibody (N-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## F8A2 Antibody (N-term) - Images




F8A2 Antibody (N-term) (Cat. #AP11393a) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the F8A2 antibody detected the F8A2 protein (arrow).

## F8A2 Antibody (N-term) - 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 closer

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) - 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)