

Goat Anti-CENTA1 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1226a**Specification**

Goat Anti-CENTA1 Antibody - Product Information

Application	WB
Primary Accession	O75689
Other Accession	NP_006860 , 11033 , 231821 (mouse) , 171097 (rat)
Reactivity	Human, Mouse
Predicted	Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5mg/ml
Isotype	IgG
Calculated MW	43395

Goat Anti-CENTA1 Antibody - Additional Information**Gene ID** 11033**Other Names**

Arf-GAP with dual PH domain-containing protein 1, Centaurin-alpha-1, Cnt-a1, Putative MAPK-activating protein PM25, ADAP1, CENTA1

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-CENTA1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-CENTA1 Antibody - Protein Information**Name** ADAP1**Synonyms** CENTA1**Function**

GTPase-activating protein for the ADP ribosylation factor family (Probable). Binds phosphatidylinositol 3,4,5-trisphosphate (PtdInsP3) and inositol 1,3,4,5-tetrakisphosphate (InsP4).

Cellular Location

Nucleus. Cytoplasm. Note=Recruited to the plasma membrane upon epidermal growth factor-dependent activation of phosphatidylinositol 4,5-diphosphate (PtdInsP2) 3-kinase

Tissue Location

Expressed at highest levels in brain and at lower levels in peripheral blood leukocytes.

Goat Anti-CENTA1 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-CENTA1 Antibody - Images

AF1226a (1 µg/ml) staining of Human Brain lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-CENTA1 Antibody - References

Polymorphisms in innate immunity genes and risk of childhood leukemia. Han S, et al. Hum Immunol, 2010 Jul. PMID 20438785. Risk of meningioma and common variation in genes related to innate immunity. Rajaraman P, et al. Cancer Epidemiol Biomarkers Prev, 2010 May. PMID 20406964. Common variation in genes related to innate immunity and risk of adult glioma. Rajaraman P, et al. Cancer Epidemiol Biomarkers Prev, 2009 May. PMID 19423540. RanBPM, a novel interaction partner of the brain-specific protein p42IP4/centaurin alpha-1. Haase A, et al. J Neurochem, 2008 Jun 1. PMID 18298663. Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348.