

Goat Anti-CENTA2 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1227a**Specification**

Goat Anti-CENTA2 Antibody - Product Information

Application	IHC, E
Primary Accession	O9NPF8
Other Accession	NP_060874 , 55803
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	44349

Goat Anti-CENTA2 Antibody - Additional Information**Gene ID** 55803**Other Names**

Arf-GAP with dual PH domain-containing protein 2, Centaurin-alpha-2, Cnt-a2, ADAP2, CENTA2

Dilution

IHC~~1:100~500

E~~N/A

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-CENTA2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-CENTA2 Antibody - Protein Information**Name** ADAP2**Synonyms** CENTA2**Function**

GTPase-activating protein for the ADP ribosylation factor family (Potential). Binds

phosphatidylinositol 3,4,5-trisphosphate (PtdInsP3) and inositol 1,3,4,5-tetrakisphosphate (InsP4). Possesses a stoichiometry of two binding sites for InsP4 with identical affinity.

Cellular Location

Cytoplasm. Cell membrane. Note=Constitutively associated with the plasma membrane. Excluded from the nucleus

Tissue Location

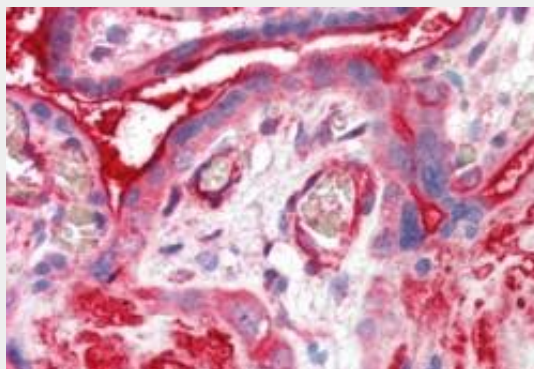
Highly expressed in placenta, spleen, kidney, skeletal muscle and adrenal gland. Weakly expressed in thyroid, liver, heart, lung, small intestine, peripheral blood leukocytes. Not detected in spinal cord, brain, stomach, trachea, colon, lymph node and bone marrow.

Goat Anti-CENTA2 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-CENTA2 Antibody - Images



AF1227a (5 µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Goat Anti-CENTA2 Antibody - References

The role of height-associated loci identified in genome wide association studies in the determination of pediatric stature. Zhao J, et al. BMC Med Genet, 2010 Jun 14. PMID 20546612.
Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.
RNF135 mutations are not present in patients with Sotos syndrome-like features. Visser R, et al. Am J Med Genet A, 2009 Feb 15. PMID 19291764.
Genetic determinants of height growth assessed longitudinally from infancy to adulthood in the northern Finland birth cohort 1966. Sovio U, et al. PLoS Genet, 2009 Mar. PMID 19266077.
Protein microarray analysis identifies human cellular prion protein interactors. Satoh J, et al. Neuropathol Appl Neurobiol, 2009 Feb. PMID 18482256.