

Goat Anti-SH2D4A Antibody
Peptide-affinity purified goat antibody
Catalog # AF1986a

Specification

Goat Anti-SH2D4A Antibody - Product Information

Application	WB
Primary Accession	O9H788
Other Accession	NP_071354 , 63898
Reactivity	Human
Predicted	Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	52727

Goat Anti-SH2D4A Antibody - Additional Information

Gene ID 63898

Other Names

SH2 domain-containing protein 4A, Protein SH(2)A, Protein phosphatase 1 regulatory subunit 38, SH2D4A, PPP1R38, SH2A

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-SH2D4A Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-SH2D4A Antibody - Protein Information

Name SH2D4A

Synonyms PPP1R38, SH2A

Function

Inhibits estrogen-induced cell proliferation by competing with PLCG for binding to ESR1, blocking the effect of estrogen on PLCG and repressing estrogen-induced proliferation. May play a role in T-cell development and function.

Cellular Location

Cytoplasm. Note=Located at podocyte foot processes.

Tissue Location

Ubiquitously expressed. Aberrantly expressed in some cancers.

Goat Anti-SH2D4A 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-SH2D4A Antibody - Images

AF1986a (0.1 µg/ml) staining of Human Kidney lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-SH2D4A Antibody - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.
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An empirical framework for binary interactome mapping. Venkatesan K, et al. Nat Methods, 2009 Jan. PMID 19060904.
Genetic analysis of SH2D4A, a novel adapter protein related to T cell-specific adapter and adapter protein in lymphocytes of unknown function, reveals a redundant function in T cells. Lapinski PE, et al. J Immunol, 2008 Aug 1. PMID 18641339.
Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348.