

Goat Anti-DOK3 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1335a

Specification

Goat Anti-DOK3 Antibody - Product Information

Application	WB
Primary Accession	O7L591
Other Accession	NP_079148 , 79930 , 27261 (mouse)
Reactivity	Human
Predicted	Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	53288

Goat Anti-DOK3 Antibody - Additional Information

Gene ID 79930

Other Names

Docking protein 3, Downstream of tyrosine kinase 3, DOK3

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-DOK3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-DOK3 Antibody - Protein Information

Name DOK3

Function

DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK3 is a negative regulator of JNK signaling in B-cells through interaction with INPP5D/SHIP1. May modulate ABL1 function (By similarity).

Cellular Location

Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side

Tissue Location

Expressed in spleen..

Goat Anti-DOK3 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-DOK3 Antibody - Images



AF1335a staining (0.1 $\mu\text{g/ml}$) of Human PBMC lysate (RIPA buffer, 35 μg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Goat Anti-DOK3 Antibody - References

Identification of DOK genes as lung tumor suppressors. Berger AH, et al. Nat Genet, 2010 Mar. PMID 20139980.

Proteomic analysis of integrin $\alpha\text{IIb}\beta\text{3}$ outside-in signaling reveals Src-kinase-independent phosphorylation of Dok-1 and Dok-3 leading to SHIP-1 interactions. Senis YA, et al. J Thromb Haemost, 2009 Oct. PMID 19682241.

Dok-3 sequesters Grb2 and inhibits the Ras-Erk pathway downstream of protein-tyrosine kinases. Honma M, et al. Genes Cells, 2006 Feb. PMID 16436051.

Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560.

The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.