

Rabbit anti-Human, Mouse DOK6 Polyclonal Antibody | anti-DOK6 antibody

DOK6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324021	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

DOK6; Polyclonal Antibody; DOK6 Antibody; Docking protein 5; Docking protein 5 like; Docking protein 6; DOK 6; DOK5; DOK5L; Downstream of tyrosine kinase 6; HsT3226; MGC20785; Protein dok 5; anti-DOK6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	DOK6 antibody detects endogenous levels of total DOK6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	331
Applicable Applications for anti-DOK6 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Highly expressed in fetal and adult brain. Highly expressed in the cerebellum. Weak expression in kidney, spinal cord and testis.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from COLO cells, using DOK6 antibody.



IF (Immunofluorescence)

AAA324021 staining COLO205 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DOK6 antibody	Function: DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK6 promotes Ret-mediated neurite growth. May have a role in brain development and/or maintenance. Subunit Structure: Interacts via its PTB domain with phosphorylated RET. Post-translational Modifications: On Ret activation, phosphorylated on one or more C-terminal tyrosine residues by an Src family kinase. Similarity: PTB domain mediates receptor interaction. Belongs to the DOK family. Type B subfamily.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	47575849
NCBI GeneID	220164
NCBI Accession #	NP_689934.2
NCBI GenBank Nucleotide #	NM_152721.5
UniProt Accession #	Q6PKX4; Q4V9S3; Q8WUZ8; Q96HI2; Q96LU2; A6NNG3
Molecular Weight	Observed: 43 kD Predicted: 39 kDa
NCBI Official Full Name	docking protein 6
NCBI Official Synonym Full Names	docking protein 6
NCBI Official Symbol	DOK6
NCBI Official Synonym Symbols	DOK5L; HsT3226
NCBI Protein Information	docking protein 6
UniProt Protein Name	Docking protein 6
UniProt Gene Name	DOK6
UniProt Synonym Gene Names	DOK5L

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.