

Rabbit anti-Human, mouse DOK5 Polyclonal Antibody | anti-DOK5 antibody

DOK5 Antibody (C-term)

CATALOG # AAA287641	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

DOK5; Polyclonal Antibody; DOK5 Antibody (C-term); Docking protein 5; Downstream of tyrosine kinase 5; Insulin receptor substrate 6; IRS-6; IRS6; C20orf180; anti-DOK5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DOK5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 276-306 amino acids from the C-terminal region of human DOK5.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	276-306
Sequence Length	198
Applicable Applications for anti-DOK5 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of DOK5 (arrow) using rabbit polyclonal DOK5 Antibody (L291). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the DOK5 gene.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

The anti-DOK5 C-term Pab is used in Western blot to detect DOK5 in mouse liver tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-DOK5 antibody	DOK5 is a member of the DOK family of membrane proteins, which are adapter proteins involved in signal transduction. The encoded protein interacts with phosphorylated receptor tyrosine kinases to mediate neurite outgrowth and activation of the MAP kinase pathway. In contrast to other DOK family proteins, this protein does not interact with RASGAP.
Product Categories/Family for anti-DOK5 antibody	Signal Transduction
References	Cai, D., et al., J. Biol. Chem. 278(28):25323-25330 (2003). Favre, C., et al., Genes Immun. 4(1):40-45 (2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	29544726
NCBI GeneID	55816
NCBI Accession #	NP_060901.2
NCBI GenBank Nucleotide #	NM_018431.4
UniProt Accession #	Q9P104 ; Q5T7Y0 ; Q5TE53 ; Q8TEW7 ; Q96H13 ; Q9BZ24 ; Q9NQF4 ; Q9Y411
Molecular Weight	35464
NCBI Official Full Name	docking protein 5 isoform a
NCBI Official Synonym Full Names	docking protein 5
NCBI Official Symbol	DOK5
NCBI Official Synonym Symbols	IRS6; IRS-6; C20orf180
NCBI Protein Information	docking protein 5
UniProt Protein Name	Docking protein 5
UniProt Gene Name	DOK5
UniProt Synonym Gene Names	C20orf180; IRS-6; IRS6
UniProt Entry Name	DOK5_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dok5-antibody-immunohistochemistry-western-blot-elisa/287641>