Rabbit DOK4 Polyclonal Antibody | anti-DOK4 antibody

DOK4 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA166204	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

DOK4; Polyclonal Antibody; DOK4 Polyclonal Antibody; anti-DOK4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.4mg/mL (varies by lot)
Sequence Length	326
Applicable Applications for anti-DOK4 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human DOK4
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using DOK4 Polyclonal Antibody at dilution 1:60

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Immunohistochemistry of paraffin-embedded Human gasrtic cancer tissue using DOK4 Polyclonal Antibody at dilution 1:60

ADDITIONAL INFORMATION

Related Product Information for anti-DOK4 antibody	Docking protein 4 is a protein that in humans is encoded by the DOK4 gene. Dok-4 is a 326 amino acid protein that contains one PH domain and one IRS-type PTB domain and belongs to the Dok family of interacting proteins. Expressed in a variety of tissues with highest expression in liver, heart, kidney and skeletal muscle, Dok-4 plays an important role in Ret-mediated neurite outgrowth and may link Ret with downstream effectors during neuronal differentiation. Additionally, Dok-4 is thought to play a positive role in the activation of MAPK pathways and may participate in T-cell induced immune system regulation. Overexpression of Dok-4 is associated with clear cell renal cell carcinoma, suggesting a role for Dok-4 in tumorigenesis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20070302
NCBI GeneID	55715
NCBI Accession #	NP_060580.2
NCBI GenBank Nucleotide #	NM_018110.3
Molecular Weight	37,028 Da
NCBI Official Full Name	docking protein 4
NCBI Official Synonym Full Names	docking protein 4
NCBI Official Symbol	DOK4
NCBI Protein Information	docking protein 4; IRS-5; IRS5; downstream of tyrosine kinase 4; insulin receptor substrate 5
UniProt Protein Name	Docking protein 4
UniProt Gene Name	**DOK4**
UniProt Synonym Gene Names	IRS-5; IRS5
UniProt Entry Name	DOK4_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/dok4-antibody-immunohistochemistry-elisa/166204