

Dok-4 Polyclonal Antibody

Cat No: HR1AP3304

For research use only

Overview

Product Name	Dok-4 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,IF,ELISA
Species Reactivity	Human,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	37kDa
GeneID?Human?	DOK4
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	DOK4; Docking protein 4; Downstream of tyrosine kinase 4; Insulin receptor substrate 5; IRS-5; IRS5
Background	<p>domain:PTB domain mediates receptor interaction.,function:DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK4 functions in RET-mediated neurite outgrowth and plays a positive role in activation of the MAP kinase pathway (By similarity). Putative link with downstream effectors of RET in neuronal differentiation. May be involved in the regulation of the immune response induced by T-cells.,PTM:Phosphorylated on tyrosine residues in response to insulin, IGF1 or RET stimulation.,similarity:Belongs to the DOK family. Type B subfamily.,similarity:Contains 1 IRS-type PTB domain.,similarity:Contains 1 PH domain.,subunit:Interacts with RET and TEK/TIE2. Interaction with RET is mediated through the PTB domain and requires phosphorylation of RET 'Tyr-1062'.,tissue specificity:Widely expressed. High expression in skeletal muscle, heart, kidney and liver. Weaker expression in spleen, lung and small intestine, brain, heart and. Expressed in both resting and activated peripheral blood T-cells.,</p>