

Dok-3 Polyclonal Antibody

Cat No: HR1AP3303

For research use only

Overview

Product Name	Dok-3 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	58kDa
GeneID?Human?	DOK3
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	DOK3; Docking protein 3; Downstream of tyrosine kinase 3
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. DOK3 is a negative regulator of JNK signaling in B-cells through interaction with INPP5D/SHIP1. May modulate ABL function.,PTM:Constitutively tyrosine-phosphorylated.,PTM:On IL2 stimulation, phosphorylated on C-terminal tyrosine residues possibly by Src kinases. Can also be phosphorylated by ABL kinase.,similarity:Belongs to the DOK family. Type A subfamily.,similarity:Contains 1 IRS-type PTB domain.,similarity:Contains 1 PH domain.,subunit:On tyrosine phosphorylation, interacts with CSK and INPP5D/SHIP1 via their SH2 domains. Both Tyr-381 and Tyr-398 are required for interaction with INPP5D. Only Tyr-381 is required for interaction with CSK. Binds ABL through the PTB domain and in a kinase-dependent manner. Does not interact with RasGAP.,tissue specificity:Expressed in spleen.,</p>