10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Dok-1 (phospho Tyr362) Polyclonal Antibody

Catalog # AP67016

Product Information

Application	WB, IF
Primary Accession	Q99704
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52392

Additional Information

Gene ID	1796
Other Names	DOK1; Docking protein 1; Downstream of tyrosine kinase 1; p62(dok); pp62
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications. IF~~1:50~200
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

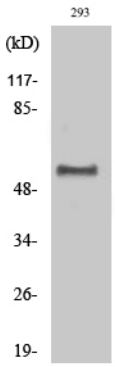
Protein Information

Name	DOK1
Function	DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK1 appears to be a negative regulator of the insulin signaling pathway. Modulates integrin activation by competing with talin for the same binding site on ITGB3.
Cellular Location	[Isoform 1]: Cytoplasm. Nucleus.
Tissue Location	Expressed in pancreas, heart, leukocyte and spleen. Expressed in both resting and activated peripheral blood T-cells Expressed in breast cancer.

Background

DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK1 appears to be a negative regulator of the insulin signaling pathway. Modulates integrin activation by competing with talin for the same binding site on ITGB3.

Images



Western Blot analysis of various cells using Phospho-Dok-1 (Y362) Polyclonal Antibody