DOK3 Antibody

Catalog No: #31067

Package Size: #31067-1 50ul #31067-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	DOK3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total DOK3 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 300 amino acids of human docking protein 3
Target Name	DOK3
Other Names	docking protein 3, DOKL
Accession No.	Swiss-Prot:Q7L591Gene ID:79930;
Uniprot	Q7L591
GeneID	79930;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C/1 year

Application Details

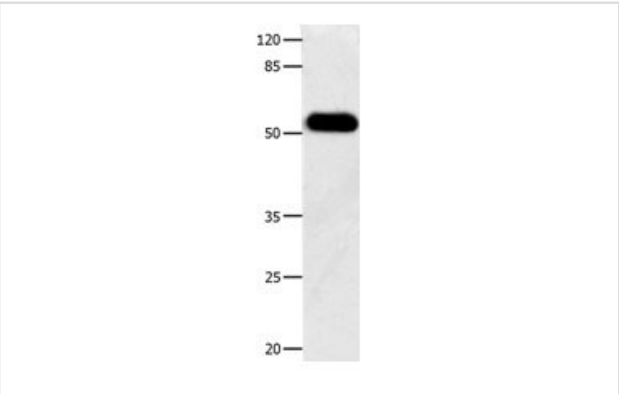
Predicted MW: 53kd

ELISA: 1:1000-1:5000

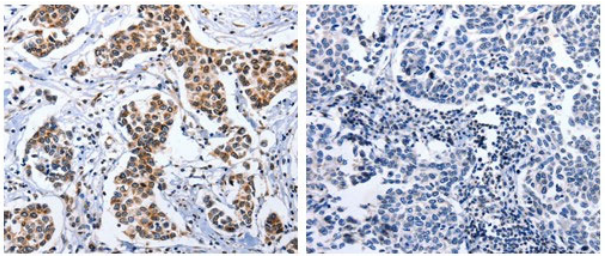
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:10-1:50

Images



Gel: 10%SDS-PAGE
Lysate: 40 µg Human notum skin cancer tissue lysate
Primary antibody: 1/500 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution
Exposure time: 30 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 31067(DOK3 Antibody) at dilution 1/12, on the right is treated with the fusion protein.

Background

DOK3 gene maps to chromosome 5q35.3. Dok3 was tyrosine phosphorylated by Src family members Lck, Fyn, and Lyn. Immunoprecipitation studies showed that Dok3 bound inhibitors SHIP and Csk but did not bind RasGAP. Dok3 binding to SHIP occurred via the SH2 domain. Dok3 also bound Csk via the Csk SH2 domain with possible involvement of the Csk SH3 domain as well.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 ABL1 function

Note: This product is for in vitro research use only