

Anti-DOK3 antibody

Cat. No.	ml120564
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-DOK3 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human DOK3
Reactivity	Human
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	DOK3
Full name	docking protein 3
Synonyms	DOKL
Swissprot	Q7L591

Target 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

订购热线: 4008-898-798

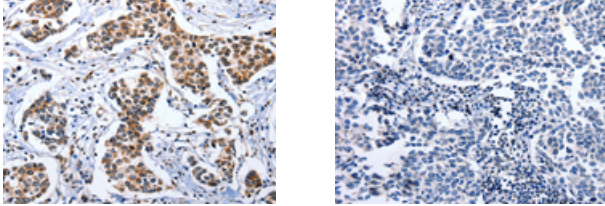
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human breast cancer

Recommended dilution: 10-50



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml120564(DOK3 Antibody) at dilution 1/12, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 53 kDa

Positive control: Human notum skin cancer tissue

Recommended dilution: 500-2000

Gel: 10%SDS-PAGE

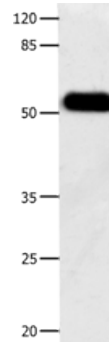
Lysate: 40 μ g

Lane: Human notum skin cancer tissue

Primary antibody: ml120564(DOK3 Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds



ELISA

Recommended dilution: 1000-5000

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