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Product datasheet for TA323916S

DOK3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human notum skin cancer tissue IHC: 25-100 Positive control: Human lung cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 300 amino acids of human docking protein 3
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	53 kDa
Gene Name:	docking protein 3
Database Link:	NP_001138347 Entrez Gene 79930 Human Q7L591

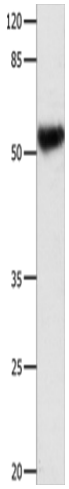
View online »

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

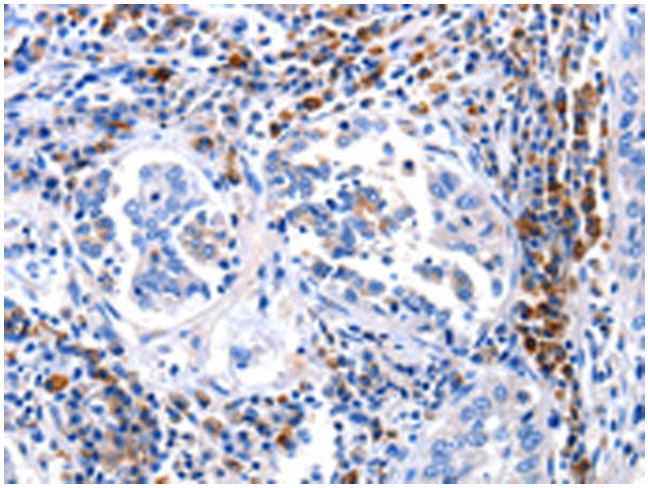
Synonyms: DOKL

Protein Families: Druggable Genome

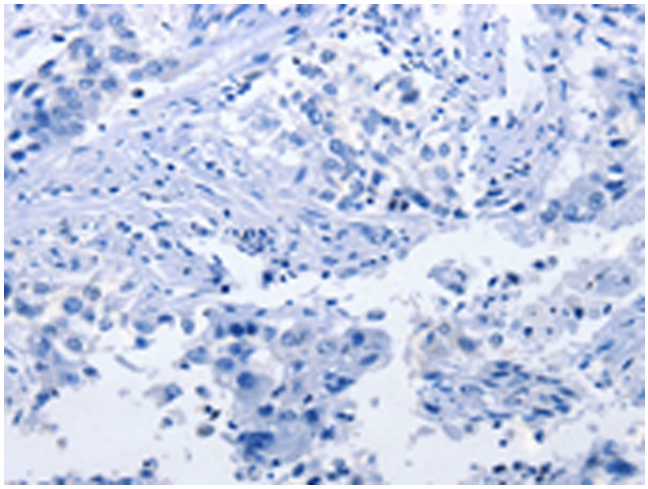
Product images:



Gel: 10%SDS-PAGE
Lysate: 40 µg
Lane: Human notum skin cancer tissue
Primary antibody: [TA323916] (DOK3 Antibody) at dilution 1/250
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 30 seconds



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA323916] (DOK3 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA323916] (DOK3 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)