



DOK4 Polyclonal Antibody

E90226**Catalog Number:** E90226**Amount:** 100ul

Background: The downstream of kinase family (Dok-1-7) are members of a class of docking proteins that interact with receptor tyrosine kinases and, via this interaction, mediate biological responses within the body. Dok-4 (Downstream of kinase-4) is a 326 amino acid protein that contains one PH domain and one IRS-type PTB domain and belongs to the Dok family of interacting proteins. Expressed in a variety of tissues with highest expression in liver, heart, kidney and skeletal muscle, Dok-4 plays an important role in Ret-mediated neurite outgrowth and may link Ret with downstream effectors during neuronal differentiation. Additionally, Dok-4 is thought to play a positive role in the activation of MAPK pathways and may participate in T-cell induced immune system regulation. Overexpression of Dok-4 is associated with clear cell renal cell carcinoma, suggesting a role for Dok-4 in tumorigenesis.

Species: Rabbit**Isotype:** IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: DOK4 ; docking protein 4; FLJ10488; Insulin receptor substrate 5; IRS5; IRS 5

Immunogen: Recombinant Protein of human DOK4

Purification: Affinity purification

Reactivity: H M R

Applications: WB IHC

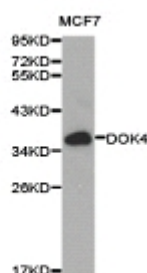
Molecular Weight: 37kDa

Swiss-Prot No. : Q8TEW6

Gene ID: 55715

WB 1:500 - 1:2000

IHC 1:50- 1:200



Western blot analysis of extracts of MCF7 cells, using DOK4 antibody. Immunohistochemistry of paraffin-embedded Prostate cancer using DOK4 Antibody.

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