

Dok-6 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP02702

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human DOK6. AA range:111-160

Mol wt 38318

Species reactivity Human, Mouse

Clonality Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name Dok-6 Antibody

Synonyms DOK6; DOK5L; Docking protein 6; Downstream of tyrosine kinase 6

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

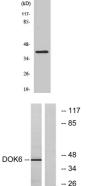
The downstream of kinase family (Dok-1-7) are members of a class of "docking" proteins that include the tyrosine kinase substrates IRS-1 and Cas, which contain multiple tyrosine residues and putative SH2 binding sites. Dok-4, Dok-5 and Dok-6 are more similar to each other than to the other Dok family members, and may constitute a subfamily of the DOK genes. Dok-5 is a tyrosine kinase substrate that enhances c-Ret-dependent activation of mitogen-activated protein kinase (MAPK). Dok-5 transcript is abundant in muscle and increases during T cell activation. Dok-5 protein undergoes tyrosine phosphorylation in response to insulin and insulin-like growth factor-1. Dok-6 is highly expressed in the developing central nervous system. It associates with Ret to transduce Ret-mediated processes such as axonal projection.

Recommended Dilution

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 10000

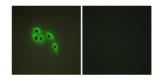
Not yet tested in other applications.

Images



-- 19 (kD) Western Blot analysis of various cells using Dok-6 Polyclonal Antibody

Western blot analysis of lysates from COLO cells, using DOK6 Antibody. The lane on the right is blocked with the synthesized peptide.



 $Immun of luorescence\ analysis\ of\ A549\ cells, using\ DOK6\ Antibody.\ The\ picture\ on\ the\ right\ is$ blocked with the synthesized peptide.

Storage

-20°C for one year

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