

Dok-3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02699
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human DOK3. AA range:101-150
Mol wt	53288
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Dok-3 Antibody
Synonyms	DOK3; Docking protein 3; Downstream of tyrosine kinase 3

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

Background

Dok-1, Dok-2 and Dok-3 are members of a class of "docking" proteins which contain multiple tyrosine residues and putative SH2 binding sites. Dok-1 associates with the Ras GTPase activating protein (Ras GAP) upon tyrosine phosphorylation. Dok-2 (also designated p56 Dok) has also been identified as a potential mediator of the effects of p210 Bcr-Abl. Dok-3 is an adapter involved in the recruitment of inhibitory molecules and is highly expressed in B cells and macrophages. Immunoreceptor-mediated cellular activation induces tyrosine phosphorylation of Dok-3. Upon phosphorylation, Dok-3 binds to 5' inositol phosphatase SHIP and the protein tyrosine kinase Csk. Dok-3 may play a significant role in the negative regulation of immunoreceptor signaling in hemopoietic cells.

Recommended Dilution

WB: 1: 500 - 1: 2000

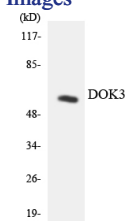
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

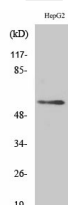
ELISA: 1: 20000

Not yet tested in other applications.

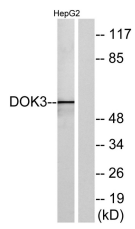
Images



Western blot analysis of the lysates from K562 cells using DOK3 antibody.



Western Blot analysis of various cells using Dok-3 Polyclonal Antibody



Western blot analysis of lysates from HepG2 cells, using DOK3 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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