

Anti-Dok-1 (P356) Antibody

Catalog Number: A03039-2

About DOK1

DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK1 appears to be a negative regulator of the insulin signaling pathway. Modulates integrin activation by competing with talin for the same binding site on ITGB3.

Michael J. Wick, et, al. (2001) J. Biol. Chem; 276: 42843 - 42850.

Paul D. Simoncic, et, al. (2006) Mol. Cell. Biol; 26: 4149 - 4160.

Nadia Dub

Overview

Product Name	Anti-Dok-1 (P356) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Dok-1 (P356) Antibody catalog # A03039-2. Tested in IHC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q99704

Technical Details

Immunogen	Peptide sequence around aa.396~400 (P-I-Y-D-E) derived from Human p62Dok.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

IHC: 1:50-1:200

IF: 1:50-1:200

Anti-Dok-1 (P356) Antibody (A03039-2) Images

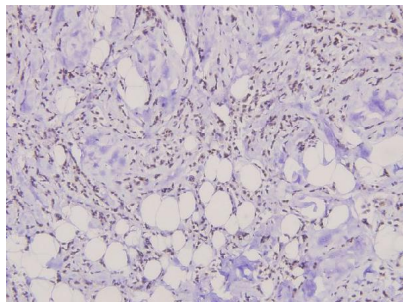


Figure 1. Immunohistochemistry validation of DOK1 using Anti-Dok-1 (P356) Antibody (A03039-2).

Immunohistochemistry (IHC) analyzes of Dok-1 (P356) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

For more protocol information of IHC

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