

## Anti-p62Dok(Ab-398) DOK1 Antibody

Catalog Number: A03039

### 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-p62Dok(Ab-398) DOK1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-p62Dok(Ab-398) DOK1 Antibody (Catalog # A03039). Tested in WB, IHC, IF applications. This antibody reacts with Human.
Application	IF, IHC, WB
Clonality	Polyclonal
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
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	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates.

Antibodies were purified by affinity-chromatography using epitope-specific peptide.

**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:

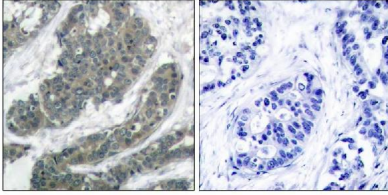
Predicted MW: 62kd

Western blotting: 1:500~1:1000

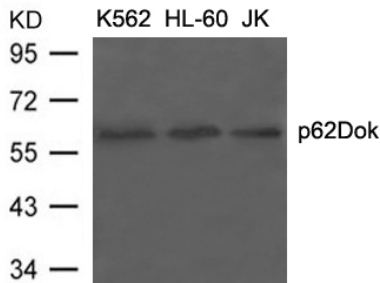
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

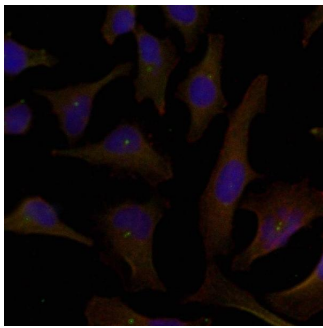
## Anti-p62Dok(Ab-398) DOK1 Antibody (A03039) Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p62Dok(Ab-398) antibody A03039(left) or the same antibody preincubated with blocking peptide(right).



Western blot analysis of extracts from K562, HL-60 and JK cells using p62Dok(Ab-398) antibody A03039.



Immunofluorescence staining of methanol-fixed HeLa cells using p62Dok(Ab-398) antibody A03039.

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