

#21269

p62Dok (Ab-398) Antibody

Catalog: #21269-1 50µl **Orders:** order@signalwayantibody.com
#21269-2 100µl **Support:** tech@signalwayantibody.com
Storage: Store at -20°C/1 year **Web:** www.signalwayantibody.com



Application	Species Reactivity	Source	Molecular Wt.
WB IHC IF	Human Mouse Rat	Rabbit Polyconal Ab	62KD

Description: Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Specificity: The antibody detects endogenous level of total p62Dok protein.

Immunogen: Peptide sequence around aa.396~400 (P-I-Y-D-E) derived from Human p62Dok.

Formulation: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Synonyms: DOK1

Accession No.: Swiss-Prot#: Q99704 NCBI Gene#: 1796
NCBI Protein#: NP_001372.1

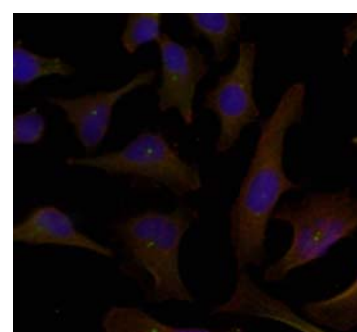
Background: DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK1 appears to be a negative regulator of the insulin signaling pathway. Modulates integrin activation by competing with talin for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

References:

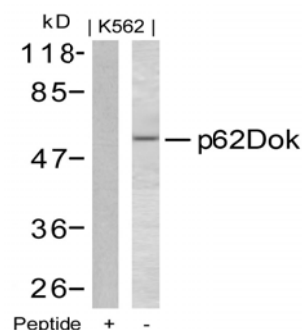
Michael J. Wick, et, al. (2001) J. Biol. Chem; 276: 42843 - 42850.
Paul D. Simoncic, et, al. (2006) Mol. Cell. Biol; 26: 4149 - 4160.
Nadia Dubé, et, al. (2004) PNAS; 101: 1834.
Adam C. Yopp, et al. (2005) J. Immunol; 175: 2913 - 2924.

Recommended Dilutions:

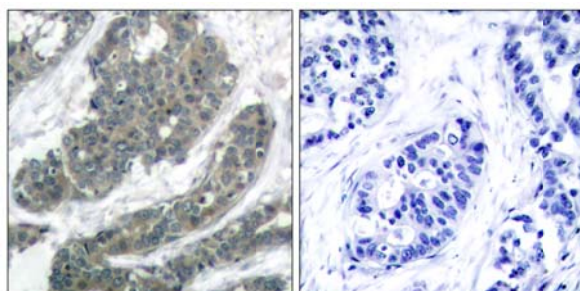
Western blotting 1:500~1:1000
Immunohistochemistry 1:50~1:100
Immunofluorescence 1:100~1:200



Immunofluorescence staining of methanol-fixed HeLa cells using p62Dok (Ab-398) Antibody #21269.



Western blot analysis of extracts from K562 cells using p62Dok (Ab-398) Antibody #21269 and the same antibody preincubated with blocking peptide.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p62Dok (Ab-398) Antibody #21269 (left) or the same antibody preincubated with blocking peptide (right).

Citation:

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Related Pathway: Receptors, Adaptors

Note: For western blotting, incubate membrane with diluted antibody in 5% nonfat milk, 1X TBS, 0.1% Tween-20 at 4°C with gentle shaking, overnight.

This product is for in vitro research use only and is not intended for use in humans or animals.