

#21269

## p62Dok (Ab-398) Antibody

**Catalog:** #21269-1 50µl **Orders:** [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
#21269-2 100µl **Support:** [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)  
**Storage:** Store at -20°C/1 year **Web:** [www.signalwayantibody.com](http://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 Mg<sup>2+</sup> and Ca<sup>2+</sup>), 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

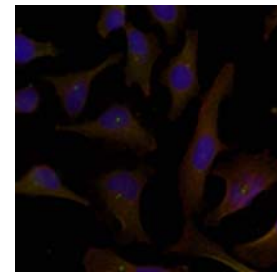
**Background:** DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK1 appears to be a negative regulator of the insulin signaling pathway. Modulates integrin activation by competing with talin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

### References:

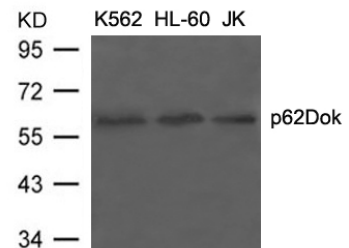
Michael J. Wick, et, al. (2001) J. Biol. Chem; 276: 42843 - 42850.  
Paul D. Simoncic, et, al. (2006) Mol. Cell. Biol; 26: 4149 - 4160.  
Nadia Dubé, et, al. (2004) PNAS; 101: 1834.  
Adam C. Yopp, et al. (2005) J. Immunol; 175: 2913 - 2924.

### Recommended Dilutions:

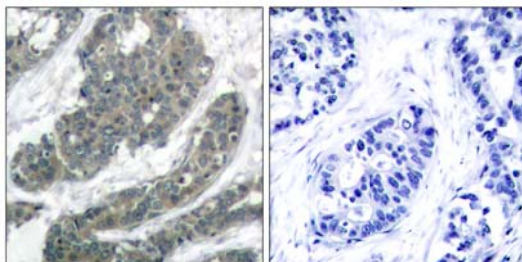
Western blotting 1:500~1:1000  
Immunohistochemistry 1:50~1:100  
Immunofluorescence 1:100~1:200



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



Western blot analysis of extracts from K562, HL-60 and JK cells using p62Dok (Ab-398) Antibody #21269.



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:

If you publish research using #21269 please [let us know](#).

**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.