

#21270

p56Dok-2 (Ab-299) Antibody

Catalog: #21270-1 50µl **Orders:** order@signalwayantibody.com
#21270-2 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	Rabbit Polyconal Ab	56KD

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 p56Dok-2 protein.

Immunogen: Peptide sequence around aa.297~301 (G-E-Y-A-V) derived from Human p56Dok-2.

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: DOK2

Accession No.: Swiss-Prot#: O60496 NCBI Gene#: 9046
NCBI Protein#: NP_003965.2

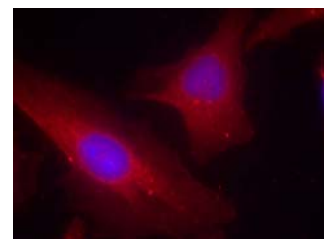
Background: DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK2 may modulate the cellular proliferation induced by IL-4, as well as IL-2 and IL-3. May be involved in modulating Bcr-Abl signaling. Attenuates EGF-stimulated MAP kinase activation

References:

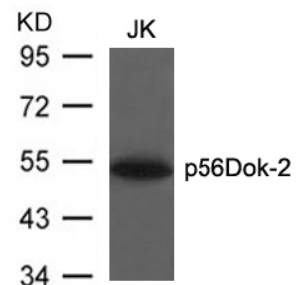
Feng Cong, et.al. (1999) Mol. Cell. Biol; 19: 8314 - 8325.
Serge Lemay, et.al. (2000) Mol. Cell. Biol; 20: 2743 - 2754.
Ute Schaeper, et.al.(2000) J. Cell Biol; 149: 1419.
Miyuki Honma, et.al. (2006) Genes Cells; 11: 143 - 151.

Recommended Dilutions:

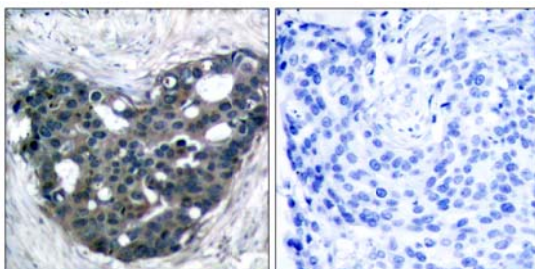
Western blotting 1:500~1:1000
Immunohistochemistry 1:50~1:100
Immunofluorescence 1:100~1:200



Immunofluorescence staining of methanol-fixed HeLa cells using p56Dok-2 (Ab-299) Antibody #21270.



Western blot analysis of extracts from JK cells using p56Dok-2 (Ab-299) Antibody #21270.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p56Dok-2 (Ab-299) Antibody #21270 (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.