DOK1 Antibody

Catalog No: #24006

Orders: order@signalwayantibody.com
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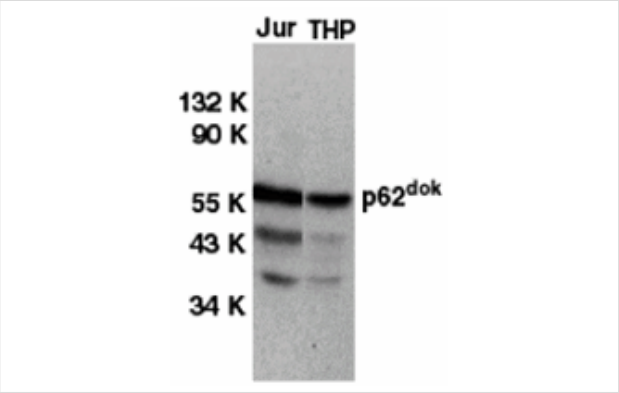
Description

Product Name	DOK1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA,WB,ICC,IF
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids near the carboxy terminus of human DOK1.
Target Name	DOK1
Accession No.	Swiss-Prot:Q99704Gene ID:1796
Uniprot	Q99704
GeneID	1796;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

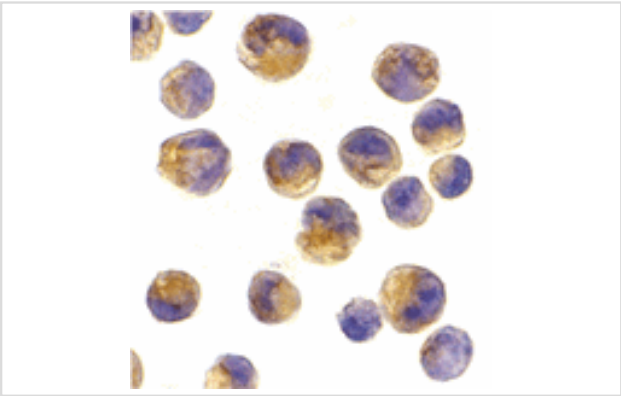
Application Details

Predicted MW: 62 kd

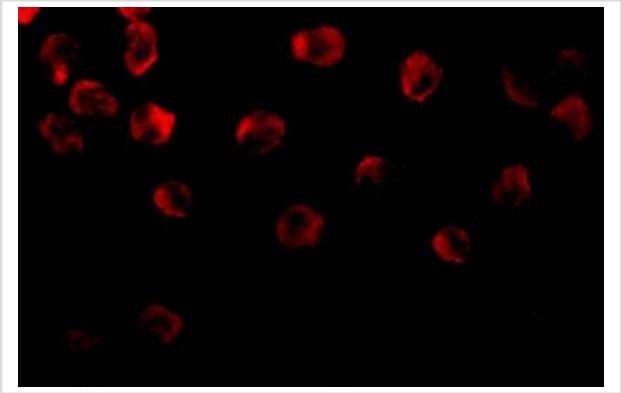
Images



Western blot analysis of DOK1 in Jurkat (Jur) and THP-1 (THP) cell lysates with DOK1 antibody at 1 ug/mL.



Immunocytochemistry of DOK1 in K562 cells with DOK1 antibody at 2 ug/mL.



Immunofluorescence of DOK1 in K562 cells with DOK1 antibody at 10 ug/ml.

Background

Signals from most growth factors and cytokines are transduced by receptor tyrosine kinases or non-receptor tyrosine kinases. Activated tyrosine kinases phosphorylate their substrates, which mediate the cellular response to extracellular stimuli. A long-sought major substrate termed p62dok (downstream of tyrosine kinase) for many tyrosine kinases including c-kit, v-abl, v-Fps, v-Src, v-Fms, and activated EGF, PDGF, IGF, VEGF and insulin receptors was identified recently from human and mouse by several laboratories. Upon phosphorylation, p62dok forms a complex with the ras GTPase-activating protein (RasGAP). p62dok represents a new family with very recently identified p56dok.

Note: This product is for in vitro research use only