

## Product datasheet for **TA324071**

### DOK1 Rabbit Polyclonal Antibody

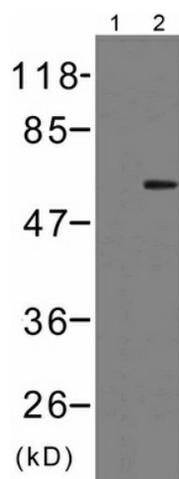
#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:500-1000, IHC: 1:50-100
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of tyrosine 362 (P-I-Y(p)-D-E) derived from Human p62Dok.
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	62 kDa
Gene Name:	docking protein 1
Database Link:	<a href="#">NP_001372</a> <a href="#">Entrez Gene 13448 Mouse</a> <a href="#">Entrez Gene 312477 Rat</a> <a href="#">Entrez Gene 1796 Human</a> <a href="#">Q99704</a>
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.
Synonyms:	P62DOK
Protein Families:	Druggable Genome

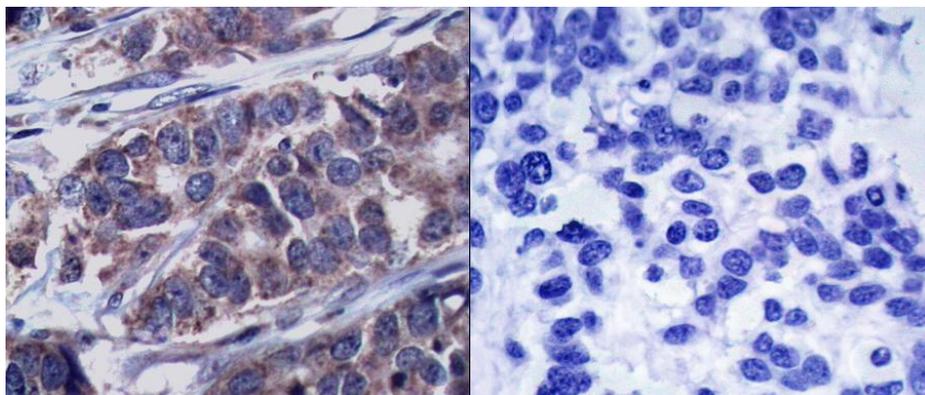


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## Product images:



Predicted band size: 62 kDa. Positive control: Jurkat cells treated with insulin lysate. Recommended dilution: 1/ 500-1000. (Gel: 8%SDS-PAGE Lane 1: Jurkat cells untreated with insulin lysate Lane 2: Jurkat cells treated with insulin lysate Lysates: 30 ug per lane Primary antibody: 1/500 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute)



Predicted cell location: Cytoplasm. Positive control: Human breast carcinoma tissue. Recommended dilution: 1/ 50-100 The image on the left is immunohistochemistry of paraffin-embedded human breast carcinoma tissue using DOK1 (phospho-Tyr362) antibody at dilution 1/50, on the right is treated with the synthetic peptide. (Original magnification: x200)