

## ARG42609 anti-DOK1 / p62 Dok antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes DOK1 / p62 Dok
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DOK1 / p62 Dok
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-280 of Human DOK1 / p62 Dok (NP_001372.1).
Conjugation	Un-conjugated
Alternate Names	dok; p62; P62DOK; Docking protein 1; pp62; Downstream of tyrosine kinase 1

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:1000 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

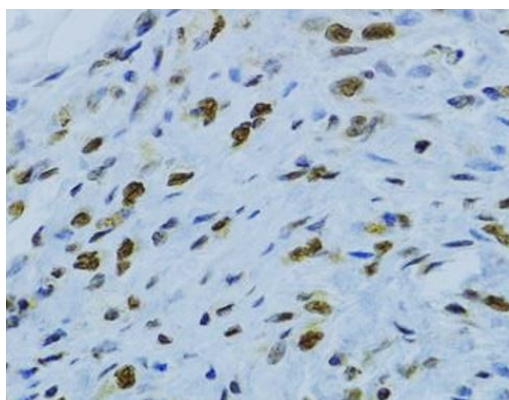
## Bioinformation

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Gene Symbol	DOK1
Gene Full Name	docking protein 1, 62kDa (downstream of tyrosine kinase 1)
Background	The protein encoded by this gene is part of a signal transduction pathway downstream of receptor tyrosine kinases. The encoded protein is a scaffold protein that helps form a platform for the assembly of multiprotein signaling complexes. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2016]
Function	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. [UniProt]
Calculated Mw	52 kDa
PTM	Constitutively tyrosine-phosphorylated. Phosphorylated by TEC (By similarity). Phosphorylated by LYN (By similarity). Phosphorylated on tyrosine residues by the insulin receptor kinase. Results in the negative regulation of the insulin signaling pathway. Phosphorylated on tyrosine residues by SRMS. [UniProt]
Cellular Localization	Isoform 1: Cytoplasm. Nucleus. Isoform 3: Cytoplasm, perinuclear region. [UniProt]

## Images

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ARG42609 anti-DOK1 / p62 Dok antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human gastric cancer tissue stained with ARG42609 anti-DOK1 / p62 Dok antibody at 1:100 dilution.