

ARG59901
anti-DOK4 antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DOK4
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DOK4
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 240-326 of Human DOK4 (NP_060580.2).
Conjugation	Un-conjugated
Alternate Names	IRS5; Docking protein 4; Insulin receptor substrate 5; Downstream of tyrosine kinase 4; IRS-5

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	MCF7	
Observed Size	37 kDa	

Properties

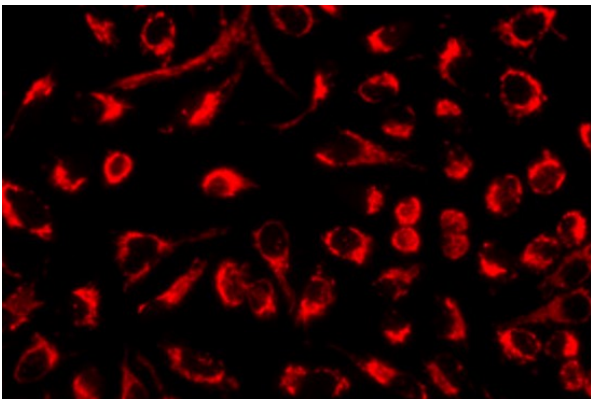
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. 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

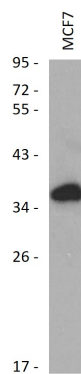
Gene Symbol	DOK4
Gene Full Name	docking protein 4
Function	DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK4 functions in RET-mediated neurite outgrowth and plays a positive role in activation of the MAP kinase pathway (By similarity). Putative link with downstream effectors of RET in neuronal differentiation. May be involved in the regulation of the immune response induced by T-cells. [UniProt]
Calculated Mw	37 kDa
PTM	Phosphorylated on tyrosine residues in response to insulin, IGF1 or RET stimulation. [UniProt]

Images



ARG59901 anti-DOK4 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG59901 anti-DOK4 antibody.



ARG59901 anti-DOK4 antibody WB image

Western blot: 25 µg of MCF7 cell lysate stained with ARG59901 anti-DOK4 antibody at 1:1000 dilution.