DOK-1 Antibody – Polyclonal

PRODUCT OVERVIEW

Product Name	Dok-1, Polyclonal Antibody
Full Product Name	Dok-1 (phospho Tyr362) Polyclonal Antibody
Product Gene Name	anti-Dok-1 antibody
Clonality	Polyclonal
Molecular Weight	37,405 Da
OMIM	602919
3D Structure	ModBase 3D Structure for Q99704
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-Dok-1 antibody	MBS8519858 is an antibody targeting Dok-1. Also known as Dok-1 (phospho Tyr362) Polyclonal Antibody.
Other Notes	Small volumes of anti-Dok-1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Dok-1. It may not necessarily be applicable to this product.

NCBI GI #	308737010
NCBI GeneID	1796
NCBI Accession #	NP_001184189.1
UniProt Primary Accession #	Q99704
UniProt Secondary Accession #	O43204; Q53TY2; Q9UHG6
UniProt Related Accession #	Q99704
GenBank Nucleotide #	NM_001197260.1
NCBI Official Full Name	docking protein 1 isoform b
NCBI Official Synonym Full Names	docking protein 1
NCBI Official Symbol	DOK1
NCBI Official Synonym Symbols	pp62; P62DOK
UniProt Protein Name	Docking protein 1
UniProt Synonym Protein Names	Downstream of tyrosine kinase 1; p62(dok); pp62
UniProt Gene Name	DOK1
NCBI Protein Information	docking protein 1

NCBI Summary for Dok-1	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]
UniProt Comments for Dok-1	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.
Research Articles on Dok-1	**1.** Taken together, these results indicate that ATRA-enhanced expression of DOK1 activates PPARgamma leading to inhibition of cell proliferation and enhancement of cell apoptosis in MCF-7 cell.
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