

AB-PN508

Dok3-pY398 Antibody

Phosphosite-specific polyclonal antibody for monitoring the phosphorylation of human Dok3



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Name Long:	Docking protein 3
Alias:	Dok-like protein; DOK3; DOKL; Downstream of tyrosine kinase 3; FLJ22570; FLJ39939
UniProt ID:	Q7L591
Sequence Predicted Mass (KDa):	53.288 (496 AA; Q7L591-1); 35.735 (330 AA; Q7L591-3); 24.737 (228 AA; Q7L591-4); 23.255 (216 AA; Q7L591-2)
Observed SDS-PAGE Mass (KDa):	55-60

Immunogen

Antibody Immunogen Source:	Human Dok3 sequence peptide Cat. No.: PE-04AHH99
Antibody Immunogen Sequence:	EHL(pY)ENL(bA)C (bA) = beta-alanine
Location in Target:	Corresponds to amino acid residues E395 to L401; In the last quarter of the protein. This is the major in vivo phosphorylation site in Dok3.
Peptide Type:	For phosphosite-specific recognition of target.
Target Phosphosite:	Tyr-398

Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	Immunoglobulin G
Production Method:	The immunizing peptide was produced by solid phase synthesis on a multipеп peptide synthesizer and purified by reverse-phase hplc chromatography. Purity was assessed by analytical hplc and the amino acid sequence confirmed by mass spectrometry analysis. This peptide was coupled to KLH prior to immunization into rabbits. New Zealand White rabbits were subcutaneously injected with KLH-coupled immunizing peptide every 4 weeks for 4 months. The sera from each animal was applied onto an agarose column to which the immunogen peptide was thio-linked. Antibody was eluted from the column with 0.1 M glycine, pH 2.5. Subsequently, the antibody solution was neutralized to pH 7.0 with saturated Tris. This antibody was also subject to negative purification over phosphotyrosine-agarose.
Antibody Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	150205
Storage Buffer:	Phosphate buffered saline (PBS) pH7.4, 0.05% Thimerasol
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

AB-PN508

Dok3-pY398 Antibody



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Applications

Product Use:	Western blotting Antibody microarrays
Antibody Dilution Recommended:	2 µg/ml for immunoblotting
Antibody Species Reactivity:	Human, mouse, rat and many other mammals
Antibody Positive Controls:	Very strong immunoreactivity with immunogen peptide on dot blots.
Overall Antibody Specificity:	Medium selectivity
Antibody Cross Reactivities:	At high concentrations, this antibody starts to detected multiple proteins in A431 cells.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-866-KINEXUS(546-3987)