

Product datasheet

Anti-DOK3 antibody ab97297

1 Image

Overview

<b>Product name</b>	Anti-DOK3 antibody
<b>Description</b>	Rabbit polyclonal to DOK3
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide corresponding to a region within amino acids 434 and 496 of Human DOK3 (NP_079148).
<b>Positive control</b>	A431 whole cell lysate

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 10% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7.0
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab97297** in the following tested applications.

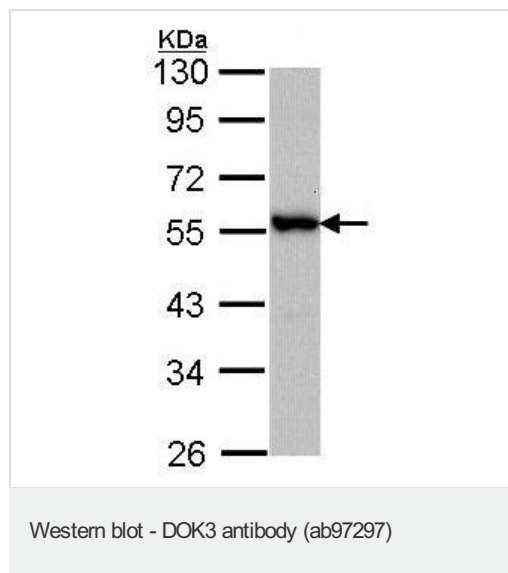
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 53 kDa.

Target

<b>Function</b>	DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK3 is a negative regulator of JNK signaling in B-cells through interaction with INPP5D/SHIP1. May modulate Abl function.
<b>Tissue specificity</b>	Expressed in spleen.
<b>Sequence similarities</b>	Belongs to the DOK family. Type A subfamily. Contains 1 IRS-type PTB domain. Contains 1 PH domain.
<b>Domain</b>	PTB domain mediates receptor interaction.
<b>Post-translational modifications</b>	Constitutively tyrosine-phosphorylated. On IL2 stimulation, phosphorylated on C-terminal tyrosine residues possibly by Src kinases. Can also be phosphorylated by ABL kinase.
<b>Cellular localization</b>	Cytoplasm. Cell membrane.

## Images



Anti-DOK3 antibody (ab97297) at 1/1000 dilution + A431 whole cell lysate at 30 µg

**Predicted band size:** 53 kDa

10% SDS PAGE

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