

Product datasheet

Anti-DOK3 antibody ab97297

1 Image

Overview

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

Properties

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

Applications

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

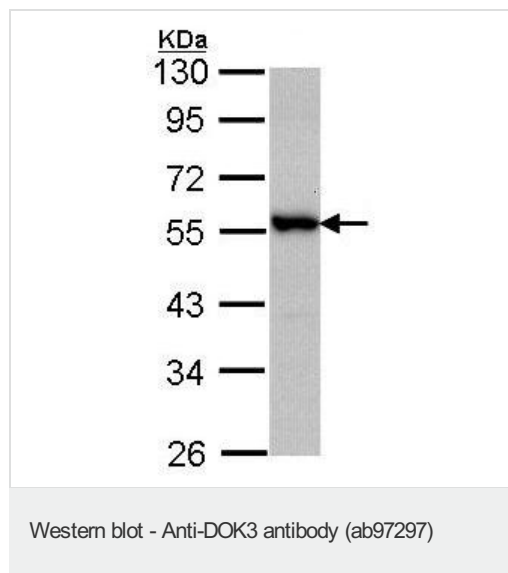
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Target

Function	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/SHP1. May modulate Abl function.
Tissue specificity	Expressed in spleen.
Sequence similarities	Belongs to the DOK family. Type A subfamily. Contains 1 IRS-type PTB domain. Contains 1 PH domain.
Domain	PTB domain mediates receptor interaction.
Post-translational modifications	Constitutively tyrosine-phosphorylated. On IL2 stimulation, phosphorylated on C-terminal tyrosine residues possibly by Src kinases. Can also be phosphorylated by ABL kinase.
Cellular localization	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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