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## Datasheet for ABIN1393555 **anti-DOK4 antibody (AA 22-98) (Biotin)**

### Overview

Quantity:	100 µL
Target:	DOK4
Binding Specificity:	AA 22-98
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DOK4 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DOK4
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Dog, Cow, Sheep, Pig, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	DOK4
Alternative Name:	DOK4 ( <a href="#">DOK4 Products</a> )
Background:	Synonyms: docking protein 4, Downstream of tyrosine kinase 4, FLJ10488, DOK4_HUMAN.

## Target Details

Background: The downstream of kinase family (Dok-1-7) are members of a class of docking proteins that interact with receptor tyrosine kinases and, via this interaction, mediate biological responses within the body. Dok-4 (Downstream of kinase-4) is a 326 amino acid protein that contains one PH domain and one IRS-type PTB domain and belongs to the Dok family of interacting proteins. Expressed in a variety of tissues with highest expression in liver, heart, kidney and skeletal muscle, Dok-4 plays an important role in Ret-mediated neurite outgrowth and may link Ret with downstream effectors during neuronal differentiation. Additionally, Dok-4 is thought to play a positive role in the activation of MAPK pathways and may participate in T-cell induced immune system regulation. Overexpression of Dok-4 is associated with clear cell renal cell carcinoma, suggesting a role for Dok-4 in tumorigenesis.

## Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months