

Datasheet for ABIN6139769
anti-DOK5 antibody (AA 237-306)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	DOK5
Binding Specificity:	AA 237-306
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DOK5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 237-306 of human DOK5 (NP_060901.2).
Sequence:	LLQSVKNSML QMKMSERAAS LSTMVPLPRS AYWQHITRQH STGQLYRLQD VSSPLKLHRT ETFPAYRSEH
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

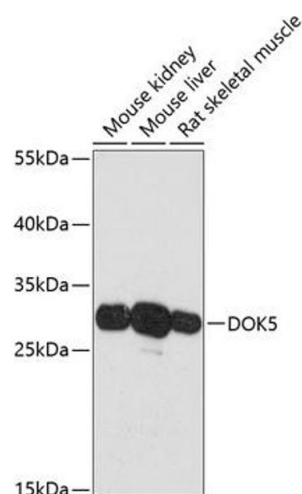
Target:	DOK5
Alternative Name:	DOK5 (DOK5 Products)
Background:	<p>The protein encoded by this gene is a member of the DOK family of membrane proteins, which are adapter proteins involved in signal transduction. The encoded protein interacts with phosphorylated receptor tyrosine kinases to mediate neurite outgrowth and activation of the MAP kinase pathway. Unlike other DOK family proteins, this protein does not interact with RASGAP. This protein is up-regulated in patients with systemic sclerosis and is associated with fibrosis induced by insulin-like growth factor binding protein 5. Alternative splicing of this gene results in multiple transcript variants.,DOK5,C20orf180,IRS-6,IRS6,Signal Transduction,Kinase,Tyrosine kinases,DOK5</p>
Molecular Weight:	22 kDa/35 kDa
Gene ID:	55816
UniProt:	Q9P104

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using DOK5 antibody (ABIN6127774, ABIN6139769, ABIN6139770 and ABIN6217826) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.