

Datasheet for ABIN5539516
anti-DUSP6 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µg
Target:	DUSP6
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DUSP6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	DUSP6 / MKP3
Sequence:	PSNQNVYQVD SLQST
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_001937.2, NP_073143.2).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

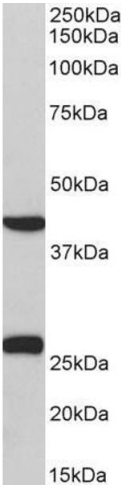
Target:	DUSP6
Alternative Name:	DUSP6 (DUSP6 Products)
Background:	DUSP6, dual specificity phosphatase 6, MKP3, PYST1, MAP kinase phosphatase 3, dual specificity protein phosphatase 6, dual specificity protein phosphatase PYST1, mitogen-activated protein kinase phosphatase 3, serine/threonine specific protein phosphatase
Gene ID:	1848, 67603, 116663
NCBI Accession:	NP_001937 , NP_073143
Pathways:	Neurotrophin Signaling Pathway , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	Western Blot: Approx 26 kDa band observed in Mouse and Rat Heart lysates and 40 kDa plus 26 kDa bands observed in Human and Pig Heart lysates (calculated MW of 42.3 kDa according to NP_001937.2 and 26.5 kDa according to NP_073143.2). Recommended concentration Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN5539516 (0.3µg/ml) staining of Pig Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.