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Datasheet for ABIN1700645  
**anti-DUSP10 antibody (AA 161-260) (Biotin)**

## Overview

Quantity:	100 µL
Target:	DUSP10
Binding Specificity:	AA 161-260
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DUSP10 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 DUSP10/MKP5
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	DUSP10
Alternative Name:	DUSP10/MKP5 ( <a href="#">DUSP10 Products</a> )

## Target Details

Background:	<p>Synonyms: Dual specificity phosphatase 10, Dual specificity phosphatase MKP 5, Dual specificity phosphatase MKP5, Dual specificity protein phosphatase 10, DUS10_HUMAN, DUSP 10, DUSP10, DUSP10 protein, MAP kinase phosphatase 5, Mitogen activated protein kinase phosphatase 5, Mitogen-activated protein kinase phosphatase 5, MKP 5, MKP-5, MKP5, Serine/threonine specific protein phosphatase.</p> <p>Background: Mitogen-activated protein (MAP) kinases are a large class of proteins involved in signal transduction pathways that are activated by a range of stimuli and mediate a number of physiological and pathological changes in the cell. Dual specificity phosphatases (DSPs) are a subclass of the protein tyrosine phosphatase (PTP) gene superfamily, which are selective for dephosphorylating critical phosphothreonine and phosphotyrosine residues within MAP kinases. DSP gene expression is induced by a host of growth factors and/or cellular stresses, thereby negatively regulating MAP kinase superfamily members including MAPK/ERK, SAPK/JNK and p38. MKP-5 preferentially binds to p38, but also to SAPK/JNK. It is ubiquitously expressed and localizes to both the cytoplasm and the nucleus. MKP-5 has been implicated in cell proliferation and apoptosis, tumor invasion and immune responses.</p>
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Gene ID:	11221
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## 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

Handling

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Storage Comment:                      Store at -20°C for 12 months.

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Expiry Date:                              12 months