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anti-DUSP14 antibody (C-Term)





Overview

Overview	
Quantity:	400 μL
Target:	DUSP14
Binding Specificity:	AA 168-198, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DUSP14 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This DUSP14 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 168-198 amino acids from the C-terminal region of human DUSP14.
Isotype:	lg Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by
	dialysis
Target Details	
Target:	DUSP14
Alternative Name:	DUSP14 (DUSP14 Products)
Background:	DUSP14 is involved in the inactivation of MAP kinases. This proein dephosphorylates ERK, JNK
	and p38 MAP-kinases. In addition to antigen recognition by the T-cell receptor, T-cell activation

Target Details	
	requires a second signal from a costimulatory receptor, such as CD28, which interacts with B7-1 (CD80) and B7-2 (CD86) ligands on antigen-presenting cells. CD28 costimulation induces transcription of interleukin-2 and stabilizes newly synthesized IL2 through the activation of mitogen-activated protein kinases (MAPKs), such as ERK and JNK, and the subsequent creation of AP1 transcription factor. DUSP14 is a negative regulator of CD28 signaling.
Molecular Weight:	22 kDa
Gene ID:	11072
UniProt:	095147
Application Details	
Application Notes:	For IHC-P starting dilution is: 1:50~100
	For WB starting dilution is: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	2 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide

This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care

should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to

should be handled by trained staff only.

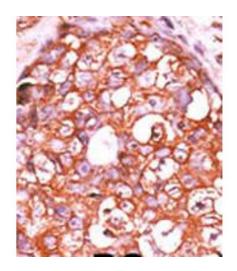
prolonged high temperatures.

4 °C,-20 °C

Precaution of Use:

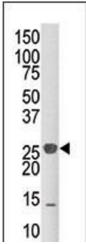
Storage Comment:

Storage:



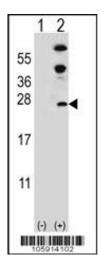
Immunohistochemistry

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. BC = breast carcinoma; HC = hepatocarcinoma.



Western Blotting

Image 2. Western blot analysis of anti-DUSP14 Pab in mouse kidney tissue lysate (35ug/lane).



Western Blotting

Image 3. Western blot analysis of DUSP14 using rabbit polyclonal DUSP14 Antibody (D183) using 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the DUSP14 gene.