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## anti-DUSP2 antibody

3 Images



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Quantity:	100 μL
Target:	DUSP2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DUSP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

### Product Details

Immunogen:	Synthetic peptide of Human DUSP2	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse	
Purification:	Antigen affinity purification	

#### **Target Details**

Target:	DUSP2
Alternative Name:	DUSP2 (DUSP2 Products)
Background:	Background: The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily

#### **Target Details**

(MAPK/ERK, SAPK/JNK, p38), which are associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. Aliases: Dual specificity phosphatase 2 antibody, Dual specificity protein phosphatase 2 antibody, Dual specificity protein phosphatase PAC 1 antibody, Dual specificity protein phosphatase PAC-1 antibody, DUS2\_HUMAN antibody, DUSP 2 antibody, DUSP2 antibody, PAC 1 antibody, Serine/threonine specific protein phosphatase antibody

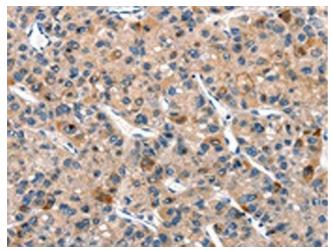
UniProt:

Q05923

#### **Application Details**

Application Notes:	ELISA:1:1000-1:2000, WB:1:200-1:1000, IHC:1:25-1:100,
Restrictions:	For Research Use only
Handling	

Format:	Liquid
Buffer:	-20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



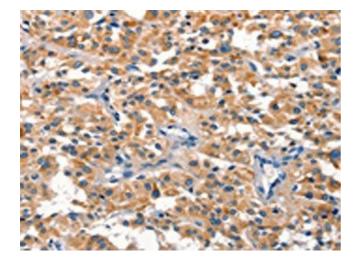
#### **Immunohistochemistry**

**Image 1.** The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ABIN7190518(DUSP2 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x200)



#### **Western Blotting**

**Image 2.** Gel: 8 % SDS-PAGE, Lysate: 40 µg, Lane: Hela cells, Primary antibody: ABIN7190518(DUSP2 Antibody) at dilution 1/300, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute



#### **Immunohistochemistry**

**Image 3.** The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ABIN7190518(DUSP2 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x200)