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Datasheet for ABIN6139875
anti-DUSP5 antibody (AA 315-384)

1 Image

Overview

Quantity:	100 µL
Target:	DUSP5
Binding Specificity:	AA 315-384
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DUSP5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 315-384 of human DUSP5 (NP_004410.3).
Sequence:	SEILPSTPNP QPPSCQGEAA GSSLIGHLQT LSPDMQGAYC TFPASVLAPV PTHSTVSELS RSPVATATSC
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

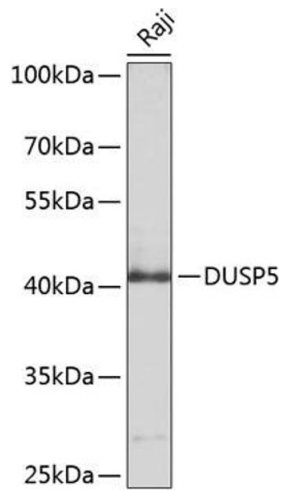
Target:	DUSP5
Alternative Name:	DUSP5 (DUSP5 Products)
Background:	<p>The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (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. This gene product inactivates ERK1, is expressed in a variety of tissues with the highest levels in pancreas and brain, and is localized in the nucleus.,DUSP5,DUSP,HVH3,Signal Transduction,DUSP5</p>
Molecular Weight:	42 kDa
Gene ID:	1847
UniProt:	Q16690

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 Raji cells, using DUSP5 antibody (ABIN6127793, ABIN6139875, ABIN6139876 and ABIN6214374) at 1:1000 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.