antibodies.com

Datasheet for ABIN392864 anti-DUSP6 antibody (AA 58-89)

6 Images



Overview

Quantity:	400 μL
Target:	DUSP6
Binding Specificity:	AA 58-89
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DUSP6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This DUSP6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 58-89 amino acids from the Central region of human DUSP6.
Clone:	RB05814
Isotype:	Ig Fraction
Predicted Reactivity:	В
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	

Target:

DUSP6

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DUSP6 (DUSP6 Products)
DUSP6 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 ERK2, is expressed in a
variety of tissues with the highest levels in heart and pancreas, and unlike most other members
of this family, is localized in the cytoplasm. Two transcript variants encoding different isoforms
have been found for the DUSP6 gene.
42320
1848
NP_001937, NP_073143
Q16828
Neurotrophin Signaling Pathway, Activation of Innate immune Response, Toll-Like Receptors Cascades
IF: 1:10~50. WB: 1:2000. WB: 1:500. WB: 1:2000. IHC-P-Leica: 1:500. IHC-P-Leica: 1:500
For Research Use only
Liquid
Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Sodium azide
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
should be handled by trained staff only.
4 °C,-20 °C
Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small

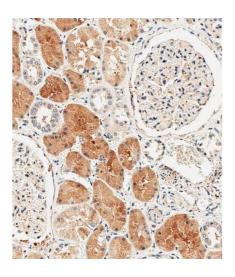
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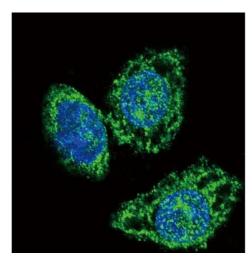
aliquots to prevent freeze-thaw cycles.

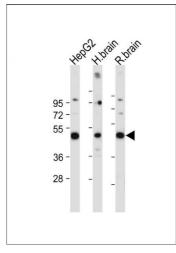
Expiry Date:

6 months

Images







Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffinembedded human kidney tissue using (ABIN392864 and ABIN2842279) performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH 9. 0). Samples were incubated with primary Antibody (1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.

Immunofluorescence

Image 2. Confocal immunofluorescent analysis of DUSP6 Antibody (Center) (ABIN392864 and ABIN2842279) with Hela cell followed by Alexa Fluor 488-conjugated goat antirabbit IgG (green). DI was used to stain the cell nuclear (blue).

Western Blotting

Image 3. All lanes : Anti-DUSP6 Antibody (Center) at 1:2000 dilution Lane 1: HepG2 whole cell lysate Lane 2: Human brain tissue lysate Lane 3: Rat brain tissue lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 42 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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