

For Research Use Only

# DUSP6 Polyclonal antibody

Catalog Number: 10433-1-AP

5 Publications



## Basic Information

Catalog Number:

10433-1-AP

Size:

150ul , Concentration: 333 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0705

GenBank Accession Number:

BC003562

GeneID (NCBI):

1848

UNIPROT ID:

Q16828

Full Name:

dual specificity phosphatase 6

Calculated MW:

42 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

Cited Species:

human, mouse, rat

## Background Information

Dual specificity phosphatase 6 (DUSP6) is a member of the family of mitogen-activated protein kinase (MAPK) phosphatases, which dephosphorylate and inactivate MAPK (PMID: 9858808). The MAPK pathway is an important signal transduction system that serves cellular processes, such as proliferation, differentiation, migration, and apoptosis. DUSP6 resides at chromosome location 12q22-23, which is one of the candidate loci for susceptibility to bipolar disorder and which encodes a phosphatase selective for extracellular signal-regulated kinase (ERK) (PMID: 9205128). DUSP6 inactivates extracellular signal-regulated kinase (ERK), and can act in tumor suppressive pathways, whose expression is reduced in several different types of cancer. (PMID: 21680106).

## Notable Publications

Author	Pubmed ID	Journal	Application
Yi-Ping Leng	28631302	Br J Pharmacol	WB
Bo Yang	24709168	Chin Med J (Engl)	IHC
Taoxia Wang	36794657	Ren Fail	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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