

For Research Use Only

DUSP6 Polyclonal antibody

Catalog Number: 10433-1-AP **5 Publications**



Basic Information

Catalog Number: 10433-1-AP	GenBank Accession Number: BC003562	Purification Method: Antigen affinity purification
Size: 330 µg/ml	GeneID (NCBI): 1848	
Source: Rabbit	UNIPROT ID: Q16828	
Isotype: IgG	Full Name: dual specificity phosphatase 6	
Immunogen Catalog Number: AG0705	Calculated MW: 42 kDa	

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

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

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Selected Validation Data