

DUSP6 Rabbit mAb

Catalog # AP79024

Specification

DUSP6 Rabbit mAb - Product Information

Application
Primary Accession
Reactivity
Host
Clonality
Calculated MW

WB, IHC-P, FC, IP, ICC <u>Q16828</u> Human, Mouse, Rat Rabbit Monoclonal Antibody 42320

DUSP6 Rabbit mAb - Additional Information

Gene ID 1848

Other Names DUSP6

DilutionWB~~1/500-1/1000
IHC-P~~N/A
FC~~1:10~50
IP~~N/A
ICC~~N/A

Format

10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

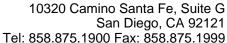
DUSP6 Rabbit mAb - Protein Information

Name DUSP6

Synonyms MKP3, PYST1

Function

Dual specificity protein phosphatase, which mediates dephosphorylation and inactivation of MAP kinases (PubMed:8670865). Has a specificity for the ERK family (PubMed:8670865). Plays an important role in alleviating chronic postoperative pain (By similarity). Necessary for the normal dephosphorylation of the long-lasting phosphorylated forms of spinal MAPK1/3 and MAP kinase p38 induced by peripheral surgery, which drives the resolution of acute postoperative allodynia (By similarity). Also important for dephosphorylation of MAPK1/3 in local wound tissue, which further contributes to resolution of acute pain (By similarity). Promotes cell differentiation by regulating





MAPK1/MAPK3 activity and regulating the expression of AP1 transcription factors (PubMed:29043977).

Cellular Location Cytoplasm.

Tissue Location

Expressed in keratinocytes (at protein level).

DUSP6 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

DUSP6 Rabbit mAb - Images

