

# DUSP6 Rabbit mAb

Catalog # AP79024

## Product Information

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<b>Application</b>	WB, IHC-P, FC, IP, ICC
<b>Primary Accession</b>	<a href="#">Q16828</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	42320

## Additional Information

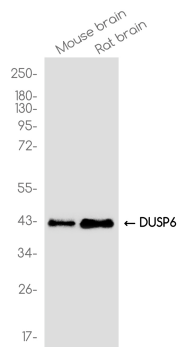
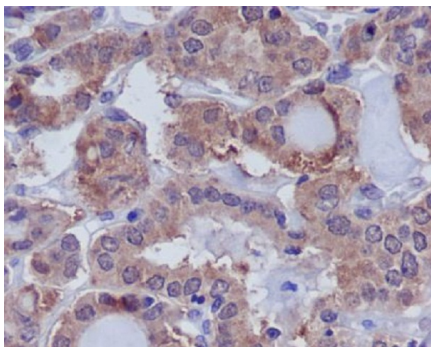
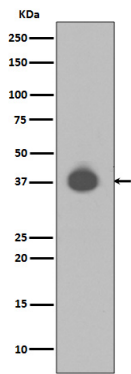
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<b>Gene ID</b>	1848
<b>Other Names</b>	DUSP6
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A FC~~1:10~50 IP~~N/A ICC~~N/A
<b>Format</b>	10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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<b>Name</b>	DUSP6
<b>Synonyms</b>	MKP3, PYST1
<b>Function</b>	Dual specificity protein phosphatase, which mediates dephosphorylation and inactivation of MAP kinases (PubMed: <a href="#">8670865</a> ). Has a specificity for the ERK family (PubMed: <a href="#">8670865</a> ). 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: <a href="#">29043977</a> ).
<b>Cellular Location</b>	Cytoplasm.
<b>Tissue Location</b>	Expressed in keratinocytes (at protein level).



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