

For Research Use Only

# MKP-2/DUSP4 Polyclonal antibody

Catalog Number: 10739-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 10739-1-AP	<b>GenBank Accession Number:</b> BC014565	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 200 µg/ml	<b>GeneID (NCBI):</b> 1846	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q13115	
<b>Isotype:</b> IgG	<b>Full Name:</b> dual specificity phosphatase 4	
<b>Immunogen Catalog Number:</b> AG1206	<b>Calculated MW:</b> 43 kDa	

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
WB, IHC

**Species Specificity:**  
human

**Cited Species:**  
mouse

## Background Information

DUSP4, also named as MKP-2, is a member of the mitogen-activated protein (MAP) kinase phosphatase family which has been suggested to play an important role in the feedback control of MAP kinase-mediated gene expression. DUSP4 preferentially inactivates ERK1, ERK2 and JNK, is expressed in a variety of tissues, and is localized in the nucleus.

## Notable Publications

Author	Pubmed ID	Journal	Application
Ming Chen	30475228	J Clin Invest	WB,IHC
Ze-Qing Pu	34088892	Cell Death Discov	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