Product Name: MKP-7 Rabbit Polyclonal Antibody
Catalog #: APRab13937

Summary

Production Name	MKP-7 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IF,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	DUSP16
Alternative Names	DUSP16; KIAA1700; MKP7; Dual specificity protein phosphatase 16; Mitogen-activated protein kinase phosphatase 7; MAP kinase phosphatase 7; MKP-7
Gene ID	80824.0
SwissProt ID	Q9BY84.The antiserum was produced against synthesized peptide derived from human DUSP16. AA range:571-620

Application

Dilution Ratio	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
Molecular Weight	73kD

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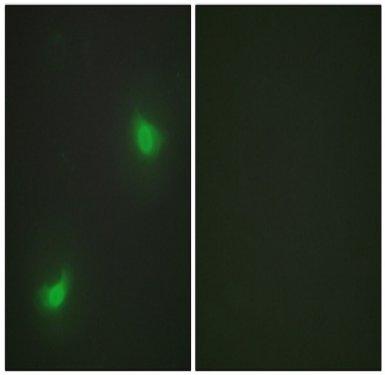
Background

dual specificity phosphatase 16(DUSP16) Homo sapiens This gene encodes a mitogen-activated protein kinase phosphatase that is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. The encoded protein specifically regulates the c-Jun amino-terminal kinase (JNK) and extracellular signal-regulated kinase (ERK) pathways.[provided by RefSeq, May 2010],catalytic activity:A phosphoprotein + H(2)O = a protein + phosphate.,catalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphate.,function:Involved in the inactivation of MAP kinases.,similarity:Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily.,similarity:Contains 1 rhodanese domain.,similarity:Contains 1 tyrosine-protein phosphatase domain.,

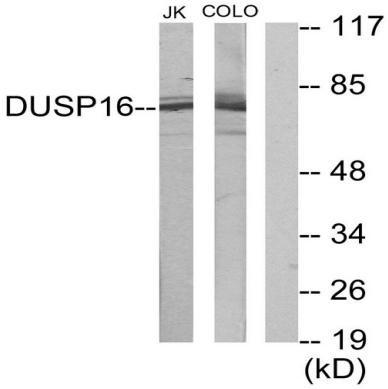
Research Area

MAPK_ERK_Growth;MAPK_G_Protein;

Image Data



Immunofluorescence analysis of HepG2 cells, using DUSP16 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat and COLO205 cells, using DUSP16 Antibody. The lane on the right is blocked with the synthesized peptide.

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Note

For research use only.