

DUSP16 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50072

Product Information

Application	WB, IF
Primary Accession	Q9BY84
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Calculated MW	73102

Additional Information

Gene ID	80824
Other Names	Dual specificity protein phosphatase 16, Mitogen-activated protein kinase phosphatase 7, MAP kinase phosphatase 7, MKP-7, DUSP16, KIAA1700, MKP7
Dilution	WB~~ 1:1000 IF~~1:100
Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20°C

Protein Information

Name	DUSP16
Synonyms	KIAA1700, MKP7
Function	Dual specificity protein phosphatase involved in the inactivation of MAP kinases. Dephosphorylates MAPK10 bound to ARRB2.
Cellular Location	Cytoplasm. Nucleus. Cytoplasmic vesicle. Note=After dissociation upon AGTR stimulation, re-associates with ARRB2 on endocytic vesicles

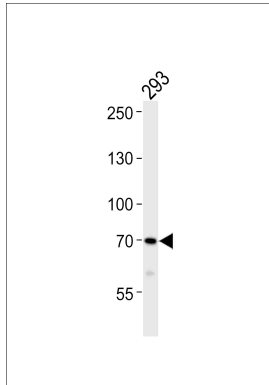
Background

Dual specificity protein phosphatase involved in the inactivation of MAP kinases. Dephosphorylates MAPK10 bound to ARRB2.

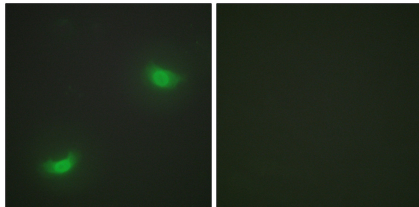
References

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Nagase T.,et al.DNA Res. 7:347-355(2000).
Masuda K.,et al.J. Biol. Chem. 278:32448-32456(2003).
Willoughby E.A.,et al.J. Biol. Chem. 280:25651-25658(2005).

Images



Western blot analysis of lysate from 293 cell line, using DUSP16 Antibody (C11640). C11640 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.



Immunofluorescence analysis of HepG2 cells, using DUSP16 antibody.

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