

DUSP16 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50072

Specification

DUSP16 Antibody - Product Information

Application	IF, WB
Primary Accession	O9BY84
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	73 KDa
Antigen Region	592-627

DUSP16 Antibody - 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

IF~~1:100
WB~~ 1:1000

Format

Rabbit IgG in phosphate buffered saline
(without Mg²⁺ and Ca²⁺), pH 7.4, 150mM
NaCl, 0.09% (W/V) sodium azide and 50%
glycerol.

Storage Conditions

-20°C

DUSP16 Antibody - Protein Information

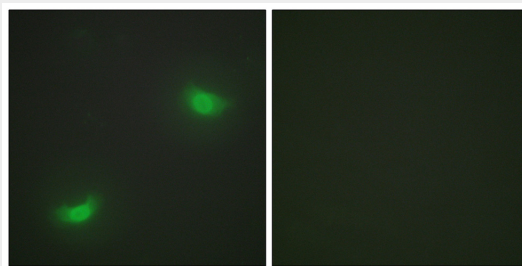
Name DUSP16

Synonyms KIAA1700, MKP7

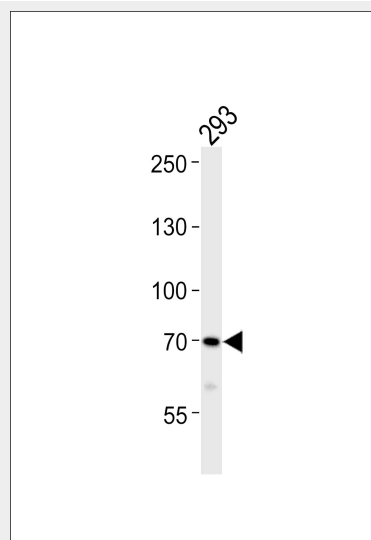
Function

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

Cellular Location



Immunofluorescence analysis of HepG2 cells, using DUSP16 antibody.



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 35ug.

DUSP16 Antibody - Background

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

DUSP16 Antibody - References

Masuda K., et al. J. Biol. Chem. 276:39002-39011(2001).

Cytoplasm. Nucleus. Cytoplasmic vesicle.
Note=After dissociation upon AGTR
stimulation, re-associates with ARRB2 on
endocytic vesicles

Hoornaert I.,et al.Oncogene
22:7728-7736(2003).
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).

DUSP16 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)