

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

DUSP16 Antibody - Product Information

Application	IF, WB
Primary Accession	Q9BY84
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

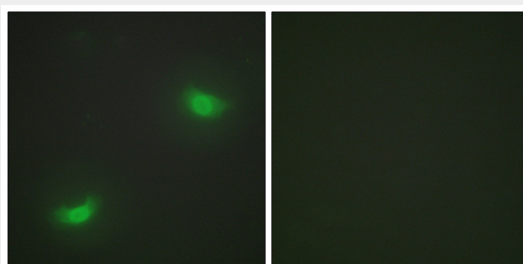
Cytoplasm. Nucleus. Cytoplasmic vesicle. Note=After dissociation upon AGTR stimulation, re-associates with ARRB2 on endocytic vesicles

DUSP16 Antibody - Protocols

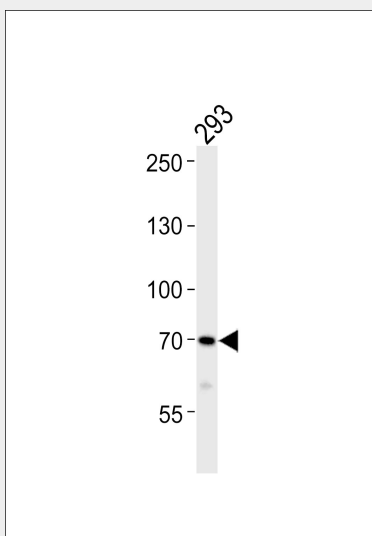
Provided below are standard protocols that you may find useful for product applications.

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

DUSP16 Antibody - Images



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).
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).