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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℃

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

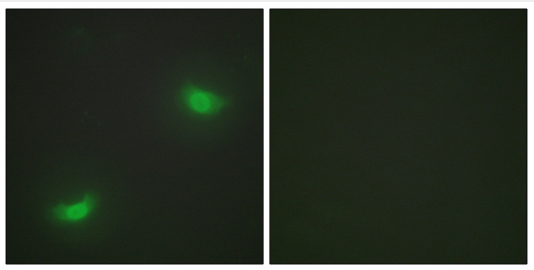
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DUSP16 Antibody - Protocols

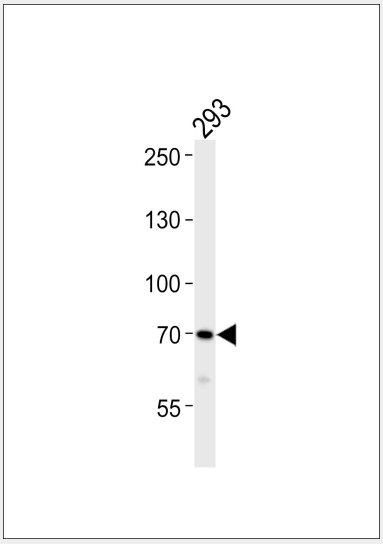
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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

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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).