

RRAS Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11548c**Specification**

RRAS Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P10301
Other Accession	P10833 , NP_006261.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	23480
Antigen Region	91-123

RRAS Antibody (Center) - Additional Information**Gene ID** 6237**Other Names**

Ras-related protein R-Ras, p23, RRAS

Target/Specificity

This RRAS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 91-123 amino acids from the Central region of human RRAS.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RRAS Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

RRAS Antibody (Center) - Protein Information**Name** RRAS**Function** GTP-binding protein with GTPase activity, likely involved in the regulation of MAPK

signaling pathway and thereby controlling multiple cellular processes (PubMed:[39809765](#)). Regulates the organization of the actin cytoskeleton (PubMed:[16537651](#), PubMed:[18270267](#)). With OSPBL3, modulates integrin beta-1 (ITGB1) activity (PubMed:[18270267](#)).

Cellular Location

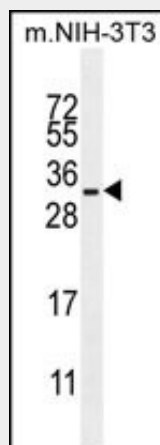
Cell membrane; Lipid-anchor; Cytoplasmic side. Note=Inner surface of plasma membrane possibly with attachment requiring acylation of the C- terminal cysteine (By similarity with RAS)

RRAS Antibody (Center) - Protocols

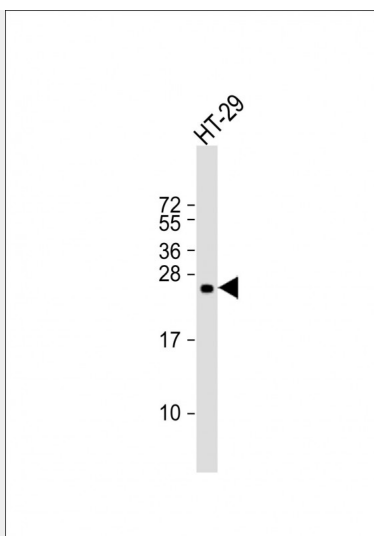
Provided below are standard protocols that you may find useful for product applications.

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

RRAS Antibody (Center) - Images



RRAS Antibody (Center) (Cat. #AP11548c) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the RRAS antibody detected the RRAS protein (arrow).



Anti-RRAS Antibody (Center) at 1:1000 dilution + HT-29 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 23 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

RRAS Antibody (Center) - Background

RRAS regulates the organization of the actin cytoskeleton.

RRAS Antibody (Center) - References

- Sakurai, A., et al. Mol. Cell. Biol. 30(12):3086-3098(2010)
Tong, Y., et al. J. Biol. Chem. 284(51):35962-35972(2009)
Inuzuka, T., et al. Biochem. Biophys. Res. Commun. 379(2):510-513(2009)
Xu, L., et al. J. Biol. Chem. 284(5):2706-2718(2009)
Hodkinson, P.S., et al. J. Biol. Chem. 282(39):28991-29001(2007)