

CAPRI Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51836**Specification**

CAPRI Antibody - Product Information

Application	WB
Primary Accession	O43374
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	90 KDa
Antigen Region	101 - 160

CAPRI Antibody - Additional Information**Gene ID** 10156**Other Names**

Ras GTPase-activating protein 4, Calcium-promoted Ras inactivator, Ras p21 protein activator 4, RasGAP-activating-like protein 2, RASA4, CAPRI, GAPL, KIAA0538

Target/Specificity

KLH conjugated synthetic peptide derived from human CAPRI

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

CAPRI Antibody - Protein Information**Name** RASA4**Synonyms** CAPRI, GAPL, KIAA0538**Function**

Ca(2+)-dependent Ras GTPase-activating protein, that switches off the Ras-MAPK pathway following a stimulus that elevates intracellular calcium. Functions as an adaptor for Cdc42 and Rac1 during FcR-mediated phagocytosis.

Cellular Location

Cytoplasm, cytosol. Cell membrane; Peripheral membrane protein. Note=Localized to the cytosol as a result of its lack of phosphoinositide binding activity. Upon agonist-stimulated calcium

mobilization, utilizes the C2A and C2B domains to associate with the plasma membrane

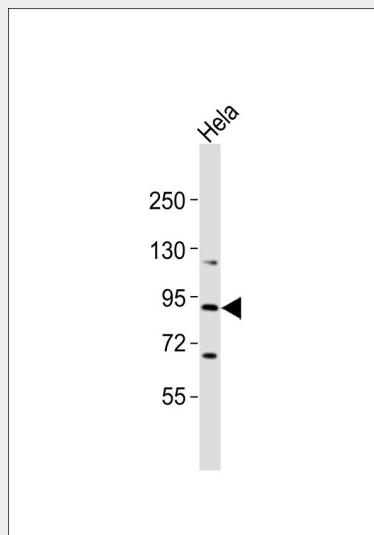
Tissue Location

Widely expressed..

CAPRI 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](#)

CAPRI Antibody - Images

Anti-CAPRI Antibody at 1:1000 dilution + HeLa whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 90 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

CAPRI Antibody - Background

Ca(2+)-dependent Ras GTPase-activating protein, that switches off the Ras-MAPK pathway following a stimulus that elevates intracellular calcium. Functions as an adaptor for Cdc42 and Rac1 during FcR-mediated phagocytosis.

CAPRI Antibody - References

- Lockyer P.J., et al. Curr. Biol. 11:981-986(2001).
Nagase T., et al. DNA Res. 5:31-39(1998).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Hillier L.W., et al. Nature 424:157-164(2003).