

RALGPS1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP6616c**Specification**

RALGPS1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q5JS13](#)**RALGPS1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 9649**Other Names**

Ras-specific guanine nucleotide-releasing factor RalGPS1, Ral GEF with PH domain and SH3-binding motif 1, Ral guanine nucleotide exchange factor 2, RalGEF 2, RalA exchange factor RalGPS1, RALGPS1, KIAA0351, RALGEF2

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6616c](/products/AP6616c) was selected from the Center region of human RALGPS1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RALGPS1 Antibody (Center) Blocking Peptide - Protein Information**Name** RALGPS1**Synonyms** KIAA0351, RALGEF2**Function**

Guanine nucleotide exchange factor (GEF) for the small GTPase RALA. May be involved in cytoskeletal organization (By similarity). Guanine nucleotide exchange factor for.

Cellular Location

Cytoplasm. Cell membrane. Note=Associates with membranes through the PH domain

Tissue Location

Widely expressed (at protein level). Isoform 2 is expressed in brain, colon, kidney, pancreas,

prostate, skeletal muscle, small intestine, testis, thymus and uterus. Isoform 1 is expressed at high levels in heart and testis and at lower levels in brain, pancreas, skeletal muscle, small intestine and thymus

RALGPS1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RALGPS1 Antibody (Center) Blocking Peptide - Images

RALGPS1 Antibody (Center) Blocking Peptide - Background

RALGPS1 may be involved in cytoskeletal organization. The protein may also be involved in the stimulation of transcription in a Ras-independent fashion. It is a guanine nucleotide exchange factor for the small GTPase RALA.

RALGPS1 Antibody (Center) Blocking Peptide - References

de Bruyn, K.M., J. Biol. Chem. 275 (38), 29761-29766 (2000)