

**RASD2 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16330c****Specification**

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**RASD2 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q96D21](#)**RASD2 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 23551**Other Names**

GTP-binding protein Rhes, Ras homolog enriched in striatum, Tumor endothelial marker 2, RASD2, TEM2

**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.

**RASD2 Antibody (Center) Blocking Peptide - Protein Information****Name** RASD2**Synonyms** TEM2**Function**

GTPase signaling protein that binds to and hydrolyzes GTP. Regulates signaling pathways involving G-proteins-coupled receptor and heterotrimeric proteins such as GNB1, GNB2 and GNB3. May be involved in selected striatal competencies, mainly locomotor activity and motor coordination.

**Cellular Location**

Cell membrane; Lipid-anchor

**Tissue Location**

Pancreatic endocrine cells (islets of Langerhans).

**RASD2 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **RASD2 Antibody (Center) Blocking Peptide - Images**

### **RASD2 Antibody (Center) Blocking Peptide - Background**

RASD2 is a Ras-related protein that enriched in striatum. The product of this gene binds to GTP and possesses intrinsic GTPase activity. The gene belongs to the Ras superfamily of small GTPases. The exact function of this gene is unknown, but most striatum-specific mRNAs characterized to date encode components of signal transduction cascades.

### **RASD2 Antibody (Center) Blocking Peptide - References**

Hill, C., et al. Cell. Physiol. Biochem. 23 (1-3), 1-8 (2009) :Liu, Y.L., et al. Biol. Psychiatry 64(9):789-796(2008)Thapliyal, A., et al. Am. J. Physiol., Cell Physiol. 295 (5), C1417-C1426 (2008) :Agretti, P., et al. J. Endocrinol. Invest. 30(4):279-284(2007)Taylor, J.P., et al. Biochem. Biophys. Res. Commun. 349(2):809-815(2006)