

**MRAS Antibody (Center T95) Blocking Peptide**  
Synthetic peptide  
Catalog # BP7748c**Specification****MRAS Antibody (Center T95) Blocking Peptide - Product Information**Primary Accession [O14807](#)**MRAS Antibody (Center T95) Blocking Peptide - Additional Information**

Gene ID 22808

**Other Names**

Ras-related protein M-Ras, Ras-related protein R-Ras3, MRAS, RRAS3

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7748c](/products/AP7748c) was selected from the Center region of human MRAS. 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.

**MRAS Antibody (Center T95) Blocking Peptide - Protein Information**

Name MRAS

Synonyms RRAS3

**MRAS Antibody (Center T95) Blocking Peptide - Background**

Members of the RAS superfamily of GTP-binding proteins, which includes MRAS, are membrane-anchored, intracellular signal transducers responsible for a variety of normal cellular functions. They are oncogenically activated in a significant fraction of tumors.

**MRAS Antibody (Center T95) Blocking Peptide - References**

Yoshikawa, Y., Mol. Biol. Cell 18 (8), 2949-2959 (2007) Mitin, N.Y., J. Biol. Chem. 279 (21), 22353-22361 (2004) Kimmelman, A.C., Mol. Cell. Biol. 22 (16), 5946-5961 (2002)

**Function**

Serves as an important signal transducer for a novel upstream stimuli in controlling cell proliferation. Activates the MAP kinase pathway.

**Cellular Location**

Cell membrane; Lipid-anchor; Cytoplasmic side

**Tissue Location**

Expression highly restricted to the brain and heart

**MRAS Antibody (Center T95) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)