

MRAS Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP7748b**Specification**

MRAS Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O14807](#)**MRAS Antibody (C-term) 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 [AP7748b](/products/AP7748b) was selected from the C-term 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 (C-term) Blocking Peptide - Protein Information**Name** MRAS**Synonyms** RRAS3**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 (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

MRAS Antibody (C-term) Blocking Peptide - Images

MRAS Antibody (C-term) 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 (C-term) 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)