10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

MRAS Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP7748b

Specification

MRAS Antibody (C-term) Blocking Peptide - Product Information

Primary 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 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

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)

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