10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Math1 Blocking Peptide
Catalog # PBV10294b

Specification

Math1 Blocking Peptide - Product Information

Primary Accession	Q92858
Gene ID	474
Calculated MW	38160

Math1 Blocking Peptide - Additional Information

Gene ID 474

Application & Usage	**The peptide is used for blocking the antibody activity of Math1. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.**

Other Names
Protein atonal homolog 1, Class A basic helix-loop-helix protein 14, bHLHa14, Helix-loop-helix protein hATH-1, hATH1, ATOH1, ATH1, BHLHA14

Target/Specificity
Math1

Formulation
50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
Math1 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Math1 Blocking Peptide - Protein Information

Name ATOH1 (HGNC:797)

Synonyms ATH1, BHLHA14

Function
Transcriptional regulator. Activates E box-dependent transcription in collaboration with TCF3/E47,

but the activity is completely antagonized by the negative regulator of neurogenesis HES1. Plays a role in the differentiation of subsets of neural cells by activating E box-dependent transcription (By similarity).

Cellular Location
Nucleus.

Math1 Blocking Peptide - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Math1 Blocking Peptide - Images