

Math1 Blocking Peptide
Catalog # PBV10294b**Specification**

Math1 Blocking Peptide - Product Information

Primary Accession	O92858
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 Cytometry](#)
- [Cell Culture](#)

Math1 Blocking Peptide - Images