

TEM-8/ATR1 Blocking Peptide
Catalog # PBV10302b**Specification**

TEM-8/ATR1 Blocking Peptide - Product Information

Primary Accession	O9CZ52
Other Accession	AAL11999
Gene ID	69538
Calculated MW	62308

TEM-8/ATR1 Blocking Peptide - Additional Information**Gene ID** 69538**Application & Usage**

The peptide is used for blocking the antibody activity of active TEM-8. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30 minutes at 37°C

Other Names

Anthrax toxin receptor 1, Tumor endothelial marker 8, Antxr1, Atr, Tem8

Target/Specificity

TEM-8/ATR1

Formulation

50 µg (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

TEM-8/ATR1 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

TEM-8/ATR1 Blocking Peptide - Protein Information**Name** Antxr1**Synonyms** Atr, Tem8 {ECO:0000303|PubMed:11559528}**Function**

Plays a role in cell attachment and migration. Interacts with extracellular matrix proteins and with

the actin cytoskeleton. Mediates adhesion of cells to type 1 collagen and gelatin, reorganization of the actin cytoskeleton and promotes cell spreading. Plays a role in the angiogenic response of cultured umbilical vein endothelial cells.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q9H6X2}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q9H6X2} Cell projection, lamellipodium membrane {ECO:0000250|UniProtKB:Q9H6X2}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q9H6X2} Cell projection, filopodium membrane {ECO:0000250|UniProtKB:Q9H6X2}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q9H6X2} Note=At the membrane of lamellipodia and at the tip of actin-enriched filopodia. Colocalizes with actin at the base of lamellipodia {ECO:0000250|UniProtKB:Q9H6X2}

TEM-8/ATR1 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](#)

TEM-8/ATR1 Blocking Peptide - Images