

Fbx32/MAFbx/ATR-1 Blocking Peptide
Catalog # PBV10221b**Specification**

Fbx32/MAFbx/ATR-1 Blocking Peptide - Product Information

Primary Accession	O91Z62
Gene ID	171043
Calculated MW	40926

Fbx32/MAFbx/ATR-1 Blocking Peptide - Additional Information**Gene ID** 171043**Application & Usage**

The peptide is used for blocking the antibody activity of Fbx32/MAFbx/AT-1. 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

F-box only protein 32, Atrogin-1, Muscle atrophy F-box protein, MAFbx, Fbxo32

Target/Specificity

Fbx32

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**

Fbx32/MAFbx/ATR-1 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Fbx32/MAFbx/ATR-1 Blocking Peptide - Protein Information**Name** Fbxo32**Function**

Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Probably recognizes and binds to phosphorylated target proteins during skeletal muscle atrophy. Recognizes TERF1 (By similarity).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q969P5}. Nucleus {ECO:0000250|UniProtKB:Q969P5}.
Note=Shuttles between cytoplasm and the nucleus. {ECO:0000250|UniProtKB:Q969P5}

Tissue Location

Specifically expressed in cardiac and skeletal muscle

Fbx32/MAFbx/ATR-1 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](#)

Fbx32/MAFbx/ATR-1 Blocking Peptide - Images