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Fbx32/MAFbx/ATR-1 Blocking Peptide

Catalog # PBV10221b

Specification

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

Primary Accession	Q91Z62
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 Cytomety
- Cell Culture

Fbx32/MAFbx/ATR-1 Blocking Peptide - Images