C10orf90 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP5112b

Specification

C10orf90 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession   Q96M02

C10orf90 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 118611

Other Names
Centrosomal protein C10orf90, Fragile-site associated tumor suppressor homolog, C10orf90, FATS

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

C10orf90 Antibody (C-term) Blocking Peptide - Protein Information

Name C10orf90 (HGNC:26563)

Function
Tumor suppressor that is required to sustain G2/M checkpoint after DNA damage. Acts as a p53/TP53 activator by inhibiting MDM2 binding to p53/TP53 and stimulating non-proteolytic polyubiquitination of p53/TP53. Exhibits ubiquitin ligase (E3) activity and assemble ubiquitin polymers through 'Lys-11'- (K11-), 'Lys-29'- (K29-) and 'Lys- 63'- (K63)-linkages, independently of the ubiquitin-conjugating enzyme (E2). Promotes p53/TP53-dependent transcription of CDKN1A/p21, leading to robust checkpoint response. Mediates CDKN1A/p21 protein stability in a ubiquitin-independent manner. Interacts with HDAC1 and prevents binding of HDAC1 to CDKN1A/p21 and facilitates the acetylation and stabilization of CDKN1A/p21 (By similarity). May have a role in the assembly of primary cilia (Probable).

Cellular Location
Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=Localizes to the actin cytoskeleton in a proportion of cells. Colocalizes with centriolar acetylated tubulin.

C10orf90 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

C10orf90 Antibody (C-term) Blocking Peptide - Images

C10orf90 Antibody (C-term) Blocking Peptide - Background

The exact function of this protein is unknow.

C10orf90 Antibody (C-term) Blocking Peptide - References

Deloukas, P., et al. Nature 429(6990):375-381(2004)