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MOUSE Brd7 Blocking Peptide (Center)

Synthetic peptide
Catalog # BP20823c

Specification

MOUSE Brd7 Blocking Peptide (Center) - Product Information

Primary Accession O88665

MOUSE Brd7 Blocking Peptide (Center) - Additional Information

Gene ID 26992

Other Names
Bromodomain-containing protein 7, 75 kDa bromodomain protein, Brd7, Bp75

Target/Specificity
The synthetic peptide sequence is selected from aa 387-398 of HUMAN Brd7

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.

MOUSE Brd7 Blocking Peptide (Center) - Protein Information

Name Brd7

Synonyms Bp75

Function
Acts both as coactivator and as corepressor. May play a role in chromatin remodeling. Transcriptional corepressor that down- regulates the expression of target genes. Binds to target promoters, leading to increased histone H3 acetylation at 'Lys-9' (H3K9ac). Binds to the ESR1 promoter. Recruits BRCA1 and POU2F1 to the ESR1 promoter. Coactivator for TP53-mediated activation of transcription of a set of target genes. Required for TP53-mediated cell-cycle arrest in response to oncogene activation. Promotes acetylation of TP53 at 'Lys-382', and thereby promotes efficient recruitment of TP53 to target promoters. Inhibits cell cycle progression from G1 to S phase (By similarity). Activator of the Wnt signaling pathway in a DVL1-dependent manner by negatively regulating the GSK3B phosphotransferase activity. Induces dephosphorylation of GSK3B at 'Tyr-216'. Down-regulates TRIM24-mediated activation of transcriptional activation by AR.

Cellular Location
Nucleus. Chromosome {ECO:0000250|UniProtKB:Q9NPI1}

Tissue Location
Ubiquitous..

MOUSE Brd7 Blocking Peptide (Center) - Protocols

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

- Blocking Peptides

MOUSE Brd7 Blocking Peptide (Center) - Images

MOUSE Brd7 Blocking Peptide (Center) - Background

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