

MOUSE Brd7 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20823c

Specification

MOUSE Brd7 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O88665
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	387-418

MOUSE Brd7 Antibody (Center) - Additional Information

Gene ID 26992

Other Names

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

Target/Specificity

This MOUSE Brd7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 387-418 amino acids from the Central region of human MOUSE Brd7.

Dilution

WB~~1:2000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MOUSE Brd7 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

MOUSE Brd7 Antibody (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}

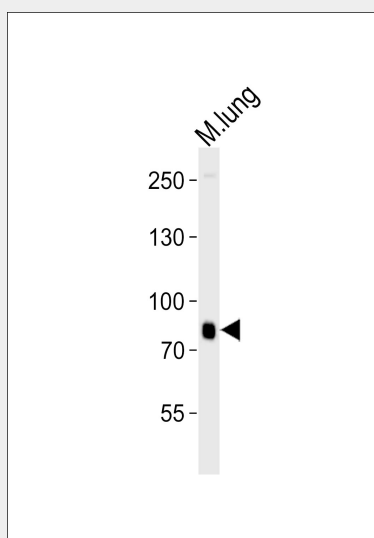
Tissue Location

Ubiquitous..

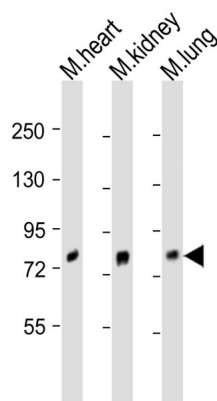
MOUSE Brd7 Antibody (Center) - Protocols

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](#)

MOUSE Brd7 Antibody (Center) - Images

Western blot analysis of lysate from mouse lung tissue lysate, using MOUSE Brd7 Antibody (Center)(Cat. #AP20823c). AP20823c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 35ug.



All lanes : Anti-Brd7 Antibody (Center) at 1:2000 dilution Lane 1: mouse heart lysate Lane 2: mouse kidney lysate Lane 3: mouse lung lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 74 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

MOUSE Brd7 Antibody (Center) - Background

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.

MOUSE Brd7 Antibody (Center) - References

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