

BRD7 Rabbit pAb

CatalogNo: YN5794

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 72kD (Calculated)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human BRD7. AA range:384-484

Specificity This antibody detects endogenous levels of BRD7 at Human, Mouse

Target Information

Gene name BRD7 BP75 CELTIX1

Protein Name Bromodomain-containing protein 7 (75 kDa bromodomain protein) (Protein CELTIX-1)

Organism	Gene ID	UniProt ID
Human	29117 ;	Q9NPI1 ;
Mouse	26992 ;	O88665 ;

Cellular Localization [Isoform 2]: Nucleus.

Function Acts both as coactivator and as corepressor. May play a role in chromatin remodeling. 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 (By similarity) . 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.

| Validation Data

| Contact information

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Please scan the QR code to access additional product information:
BRD7 Rabbit pAb

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