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Datasheet for ABIN7145816
anti-BRD7 antibody (AA 601-651)

2 Images

Overview

Quantity:	100 µg
Target:	BRD7
Binding Specificity:	AA 601-651
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRD7 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Bromodomain-containing protein 7 protein (601-651AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	BRD7
Alternative Name:	BRD7 (BRD7 Products)
Background:	Background: 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

Target Details

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.

Aliases: 75 kDa bromodomain protein antibody, BP75 antibody, BRD 7 antibody, BRD7 antibody, BRD7_HUMAN antibody, Bromodomain containing 7 antibody, bromodomain containing protein 7 antibody, Bromodomain-containing protein 7 antibody, CELTIX 1 antibody, CELTIX1 antibody, NAG4 antibody, Protein CELTIX-1 antibody

UniProt: [Q9NPI1](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

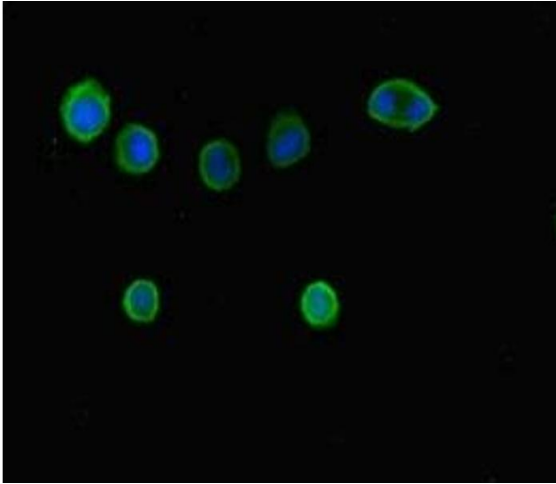
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

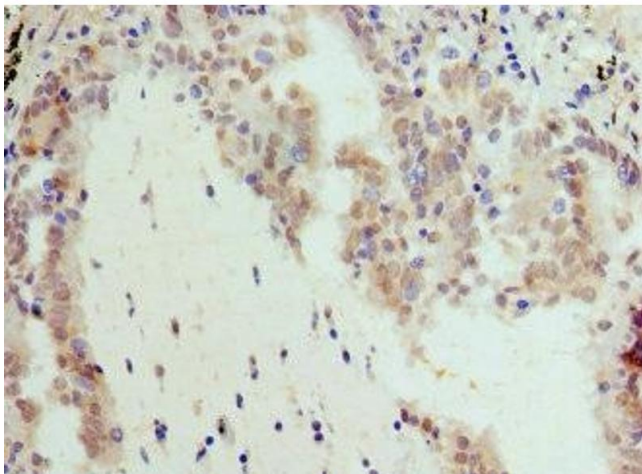
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of MCF-7 cells using ABIN7145816 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7145816 at dilution of 1:100