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Datasheet for ABIN6242209 anti-BRD4 antibody (N-Term)

1 Image

1 Publication



Overview

Quantity:	400 µL
Target:	BRD4
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRD4 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This BRD4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1~30 amino acids from the N-terminal region of human BRD4.
Clone:	RB3419
lsotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	BRD4
Alternative Name:	BRD4 (BRD4 Products)

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Target Details	
Background:	BRD4 is homologous to the murine protein MCAP, which associates with chromosomes during mitosis, and to the human RING3 protein, a serine/threonine kinase. Each of these proteins contains two bromodomains, a conserved sequence motif which may be involved in chromatin targeting. The gene has been implicated as the chromosome 19 target of translocation t(15,19)(q13,p13.1), which defines an upper respiratory tract carcinoma in young people.
Molecular Weight:	152219
NCBI Accession:	NP_055114, NP_490597
UniProt:	O60885
Pathways:	Chromatin Binding, SARS-CoV-2 Protein Interactome
Application Details	
Application Notes:	IHC-P: 1:50~100
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months
Publications	
Product cited in:	Dong, Zhang, Sun, Liu, Yin, Li, Zheng, Zeng: "Role of thioredoxin reductase 1 in dysplastic transformation of human breast epithelial cells triggered by chronic oxidative stress." in: Scientific reports , Vol. 6, pp. 36860, (2018) (PubMed). Li, Cohen, Sun, Squires, Braas, Graeber, Du, Li, Li, Xu, Chen, Huang: "The Role of CD44 in Glucose Metabolism in Prostatic Small Cell Neuroendocrine Carcinoma." in: Molecular cancer research : MCR , Vol. 14, Issue 4, pp. 344-53, (2017) (PubMed).

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Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

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