

Datasheet for ABIN2780896  
**anti-BRD7 antibody (C-Term)**[Go to Product page](#)

3 Images

1 Publication

## Overview

Quantity:	100 µL
Target:	BRD7
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRD7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human BRD7
Sequence:	KELAQQVTPG DIVSTYGVRK AMGISIPSPV MENNFVDLTE DTEEPKKTDV
Predicted Reactivity:	Dog: 86%, Guinea Pig: 93%, Horse: 79%, Human: 100%, Rabbit: 79%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against BRD7. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	BRD7
Alternative Name:	BRD7 ( <a href="#">BRD7 Products</a> )

## Target Details

Background:	<p>BRD7 is an activator of the Wnt signaling pathway in a DVL1-dependent manner by negatively regulating the GSK3B phosphotransferase activity. It induces dephosphorylation of GSK3B at 'Tyr-216'.</p> <p>Alias Symbols: BP75, CELTIX1, NAG4</p> <p>Protein Interaction Partner: UBC, Dvl1, HIST2H3C, BRD2, NEFL, BARD1, LRIF1, HAP1, TFAP4, TRIM24, SUMO2, SMARCE1, SMARCD1, SMARCC2, Bcl7b, CHD7, ARID2, RBFOX2, BCL7C, SMARCC1, SMARCA4, PCBD1, POU2F1, MYC, BRCA1, BHLHE40, HIST2H4A, HIST2H3A, BTBD2, RIF1, HNRNPUL1, HIST1H2AL, AGR2, PSMD</p> <p>Protein Size: 651</p>
Molecular Weight:	74 kDa
Gene ID:	29117
NCBI Accession:	<a href="#">NM_013263</a> , <a href="#">NP_037395</a>
UniProt:	<a href="#">Q9NPI1</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 651 AA
Restrictions:	For Research Use only

## Handling

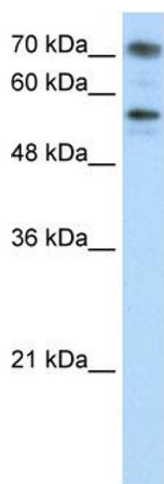
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

## Publications

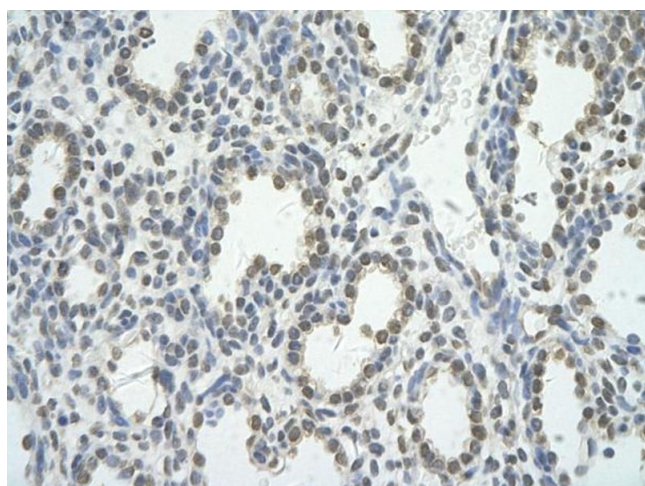
Product cited in: Rind, Schmeiser, Thiel, Absmanner, Lübbehusen, Hocks, Apeshiotis, Wilichowski, Lehle, Körner: "A severe human metabolic disease caused by deficiency of the endoplasmatic mannosyltransferase hALG11 leads to congenital disorder of glycosylation-Ip." in: **Human molecular genetics**, Vol. 19, Issue 8, pp. 1413-24, (2010) ([PubMed](#)).

## Images



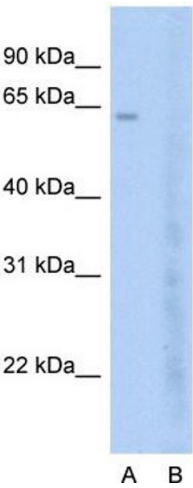
### Western Blotting

**Image 1.** WB Suggested Anti-BRD7 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate BRD7 is supported by BioGPS gene expression data to be expressed in Jurkat



### Immunohistochemistry

**Image 2.** Rabbit Anti-BRD7 antibody Paraffin Embedded Tissue: Human Lung cell Cellular Data: alveolar cell Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



**Western Blotting**

**Image 3.** Host: Rabbit Target Name: BRD7 Sample Type: Jurkat Lane A: Primary Antibody Lane B: Primary Antibody + Blocking Peptide Primary Antibody Concentration: 2.5ug/mL Peptide Concentration: 2.0ug/mL Lysate Quantity: 25ug/lane Gel Concentration: 12% BRD7 is supported by BioGPS gene expression data to be expressed in Jurkat