

Datasheet for ABIN2784476  
**anti-PHF6 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	PHF6
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Dog, Rat, Cow, Horse, Rabbit, Pig, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHF6 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PHF6
Sequence:	VGQNHSEDGA PALLTTAPPP GLQPGAGGTP GPGGGGGAPP RYATLEHPFH
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 92%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PHF6. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

## Target Details

Target:	PHF6
---------	------

## Target Details

Alternative Name:	PHF6 ( <a href="#">PHF6 Products</a> )
Background:	<p>PHF6 is a member of the plant homeodomain (PHD)-like finger (PHF) family. PHF6 is a protein with two PHD-type zinc finger domains, indicating a potential role in transcriptional regulation that localizes to the nucleolus. Mutations affecting the coding region of its gene or the splicing of the transcript have been associated with Borjeson-Forssman-Lehmann syndrome (BFLS), a disorder characterized by mental retardation, epilepsy, hypogonadism, hypometabolism, obesity, swelling of subcutaneous tissue of the face, narrow palpebral fissures, and large ears. This gene is a member of the plant homeodomain (PHD)-like finger (PHF) family. It encodes a protein with two PHD-type zinc finger domains, indicating a potential role in transcriptional regulation, that localizes to the nucleolus. Mutations affecting the coding region of this gene or the splicing of the transcript have been associated with Borjeson-Forssman-Lehmann syndrome (BFLS), a disorder characterized by mental retardation, epilepsy, hypogonadism, hypometabolism, obesity, swelling of subcutaneous tissue of the face, narrow palpebral fissures, and large ears. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.</p> <p>Alias Symbols: BORJ, MGC14797, BFLS, CENP-31</p> <p>Protein Interaction Partner: UBC, SUMO1, NEDD8, BMI1, HECW2, CAND1, CUL3, HDGF,</p> <p>Protein Size: 365</p>
Molecular Weight:	41 kDa
Gene ID:	84295
NCBI Accession:	<a href="#">NM_032458</a> , <a href="#">NP_115834</a>
UniProt:	<a href="#">Q8IWS0</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 365 AA
Restrictions:	For Research Use only

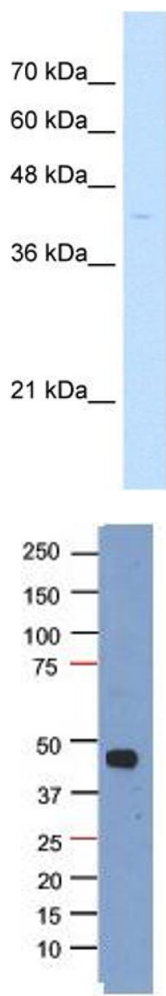
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

Handling

	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.

Images



Western Blotting

**Image 1.** WB Suggested Anti-PHF6 Antibody Titration:  
5.0ug/ml Positive Control: Jurkat cell lysate

Western Blotting

**Image 2.** Sample Type: HEK293T cells transfected with a plasmid for over expression of myc-tagged PHF6  
Primary Dilution: 1:1000  
Secondary (goat anti-rabbit HRP) Dilution: 1:1000