

Product datasheet

Anti-PHD finger protein 6/PHF6 antibody ab264208

[1 References](#) [3 Images](#)

Overview

Product name	Anti-PHD finger protein 6/PHF6 antibody
Description	Rabbit polyclonal to PHD finger protein 6/PHF6
Host species	Rabbit
Tested applications	Suitable for: IP, IHC-P, WB
Species reactivity	Reacts with: Human Predicted to work with: Cow, Orangutan 
Immunogen	Synthetic peptide within Human PHD finger protein 6/PHF6 aa 125-175. The exact sequence is proprietary. Database link: Q8IWS0
Positive control	IHC-P: Human breast carcinoma tissue. WB: HeLa and HEK-293T whole cell lysate. IP: HeLa whole cell lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: Tris buffered saline, 0.1% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab264208 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at 2-5 µg/mg of lysate.
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		1/2000 - 1/10000.

Target

Function

May play a role in transcriptional regulation.

Tissue specificity

Ubiquitously expressed.

Involvement in disease

Defects in PHF6 are the cause of Boerjeson-Forssman-Lehmann syndrome (BFLS) [MIM:301900]; also known as Boerjeson-Forssman syndrome (BORJ). BFLS is a X-linked recessive disorder characterized by moderate to severe mental retardation, epilepsy, hypogonadism, hypometabolism, obesity with marked gynecomastia, swelling of subcutaneous tissue of the face, narrow palpebral fissure and large but not deformed ears.

Sequence similarities

Contains 2 PHD-type zinc fingers.

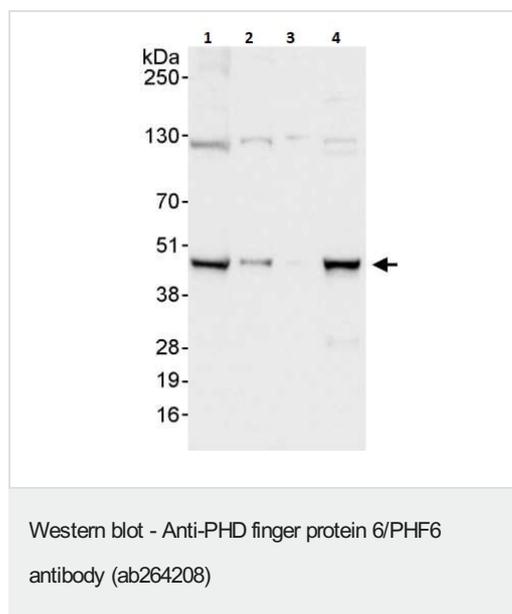
Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.

Cellular localization

Nucleus. Nucleus > nucleolus. Nuclear, it particularly localizes to the nucleolus.

Images



All lanes : Anti-PHD finger protein 6/PHF6 antibody (ab264208) at 0.04 µg/ml

Lane 1 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate at 50 µg

Lane 2 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate at 15 µg

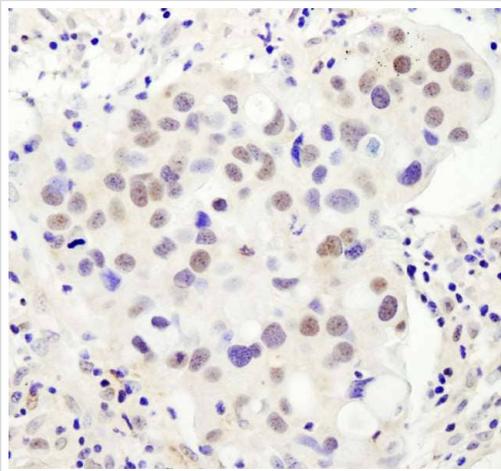
Lane 3 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate at 5 µg

Lane 4 : HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate at 50 µg

Developed using the ECL technique.

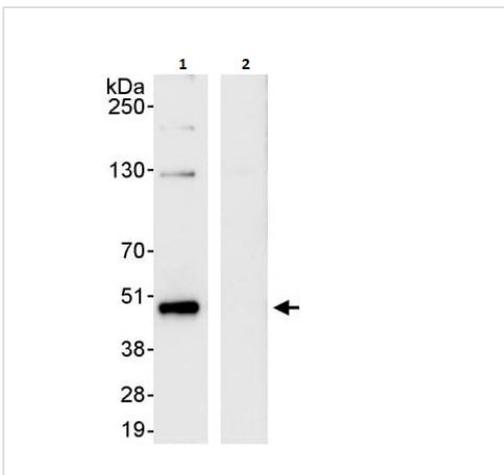
Exposure time: 3 seconds

4-20% SDS-PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PHD finger protein 6/PHF6 antibody (ab264208)

Formalin-fixed, paraffin-embedded human breast cancer carcinoma tissue stained for PHD finger protein 6/PHF6 using ab264208 at 1/200 dilution in immunohistochemical analysis. Detection: DAB.



Immunoprecipitation - Anti-PHD finger protein 6/PHF6 antibody (ab264208)

PHD finger protein 6/PHF6 was immunoprecipitated from 1mg of HeLa (Human epithelial cell line from cervix adenocarcinoma) whole cell lysate with ab264208 at 3 μ g/mg lysate. Western blot was performed from the immunoprecipitate using ab264208 at 1 μ g/ml.

Lane 1: ab264208 IP in HeLa whole cell lysate.

Lane 2: Control IgG.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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