

[Go to Product page](#)

## Datasheet for ABIN7465155 **anti-PHF2 antibody**

### Overview

Quantity:	100 µL
Target:	PHF2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHF2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PHF2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	PHF2
Alternative Name:	PHD finger protein 2 ( <a href="#">PHF2 Products</a> )
Background:	PHD finger protein 2 , CENP-35 , GRC5 , JHDM1E , KDM7C, Probable regulator of histone methyltransferase complexes. Recruited to trimethylated 'Lys-4' of histone H3 (H3K4me3) at rDNA promoters and promotes expression of rDNA. Was reported to have histone demethylase

## Target Details

activity by itself and specifically demethylate monomethylated 'Lys-9' of histone H3 (H3K9me1), an epigenetic repressive mark. However, this activity is unclear in vivo and requires additional evidence.

Molecular Weight: 121 kDa

Gene ID: 5253

UniProt: [075151](#)

## Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.  
Not tested in other applications.

Comment: Positive Control: 293T , A431 , HeLa , HepG2

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS ( pH 7), 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

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

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.