

Datasheet for ABIN6655278
anti-PHF8 antibody

2 Images



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Overview

Quantity:	50 µg
Target:	PHF8
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHF8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	PHF8 Antibody
Immunogen:	Anti-PHF8 Antibody was produced in rabbits by repeated immunizations with three different synthetic peptides containing sequences from human PHF8.
Isotype:	IgG
Cross-Reactivity (Details):	This product reacts with human PHF8.
Purification:	Anti-PHF8 Antibody was purified by affinity purification.
Sterility:	Sterile filtered

Target Details

Target:	PHF8
Alternative Name:	PHF8 (PHF8 Products)

Target Details

Background: Synonyms: Histone lysine demethylase PHF8, PHD finger protein 8, ZNF422

Background: PHD finger protein 8 is a jumonji domain containing protein. Like other members of the jumonji family, PHF8 may therefore play a role in histone demethylation. Mutations in PHF8 lead to Siderius type X-linked mental retardation (MRXSSD), a mild to borderline type of mental retardation. Anti-PHF8 Antibody is ideal for research in Epigenetics and Neuroscience.

Gene Name: PHF8

Gene ID: 23133

NCBI Accession: [NP_001171825](#)

UniProt: [Q9UPP1](#)

Application Details

Application Notes: ELISA_Dilution: 1:100 - 1:500

Western_Blot_Dilution: 1:1,000

Comment: Anti-PHF8 Antibody is tested for ELISA and Western Blots. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 115 kDa in the appropriate cell lysate or extract.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Buffer: 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2

Stabilizer: None

Preservative: 0.05 % (w/v) Sodium Azide and 0.05 % ProClin 300

Preservative: ProClin, Sodium azide

Precaution of Use: This product contains Sodium azide and ProClin: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Western Blotting

Image 1. Western Blot results of Rabbit anti-PHF8 antibody

Western Blot results of Rabbit anti-PHF8 antibody. Lane 1: E14TG2A mouse embryonic stem nuclear extracts wild-type. Lane 2: E14TG2A nuclear extracts clone F1. Lane 3: E14TG2A nuclear extracts clone F1 (KO). Lane 4: E14TG2A nuclear extracts clone B8. Lane 5: E14TG2A nuclear extracts clone B8 (KO). Load: 135 µg per lane. Primary Antibody: anti-PHF8 antibody at 1:1,000 overnight at 4°C. Secondary Antibody: anti-rabbit HRP 1:10,000 for 1hr at RT. Block: TBS-Tween / 5% BLOTTO.

ELISA

Image 2. ELISA results of Rabbit anti-PHF8 antibody

ELISA results of Rabbit anti-PHF8 antibody. Antigen: human PHF8. Coating amount: 0.1 µg per well. Primary antibody: anti-PHF8 antibody, crude serum, and flow through. Dilution series: serial dilution. Estimated Antibody Titer to be 1:6,500. Secondary antibody: Peroxidase anti-Rabbit secondary antibody at 1:20,000. Substrate: TMB .

