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Datasheet for 600-401-X40

PHF8 Antibody

Overview

Description:	Anti-PHF8 (RABBIT) Antibody - 600-401-X40
Item No.:	600-401-X40
Size:	50 µg
Applications:	ELISA, WB
Reactivity:	Human, Mouse
Host Species:	Rabbit

Product Details

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.
Synonyms:	Histone lysine demethylase PHF8, PHD finger protein 8, ZNF422
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	PHF8
Reactivity:	Human, Mouse
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-PHF8 Antibody was produced in rabbits by repeated immunizations with three different synthetic peptides containing sequences from human PHF8.
Purity/Specificity:	Anti-PHF8 Antibody was purified by affinity purification. This product reacts with human PHF8. Cross reactivity with PHF8 from species other than human is not known.
Relevant Links:	• UniProtKB - Q9UPP1

- GeneID - 23133
- NCBI - NP_001171825.1

Application Details

Tested Applications:	ELISA, WB
Application Note:	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.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:100 - 1:500
WB:	1:1,000

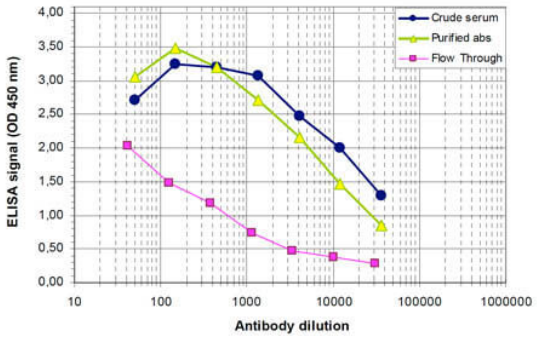
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.3 mg/ml by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.05% (w/v) Sodium Azide and 0.05% ProClin 300
Stabilizer:	None

Shipping & Handling

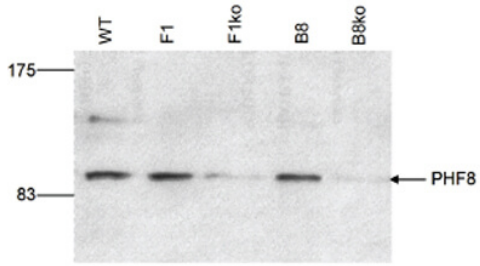
Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



ELISA

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 (p/n TMBE-1000).



Western Blot

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.

Disclaimer

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