SunLong Biotech Co.,LTD
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Rabbit Anti-PHF8 antibody

SLM-60652R

Product Name	PHF8
Chinese Name	组蛋白赖氨酸去甲基化酶 PHF8Recombinant rabbit monoclonal anti
Alias	PHD finger protein 8; PHD finger protein 8; Histone lysine demethylase PHF8; PHD finger protein 8; PHF8_HUMAN; ZNF422.
Immunogen Species	Rabbit
Clonality	Monoclonal
Clone NO.	R4H8
React Species	Human,Mouse,Rat
Applications	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	118kDa
Cellular localization	The nucleus
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human PHF8
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	The protein encoded by this gene is a histone lysine demethylase that preferentially acts on histones in the monomethyl or dimethyl states. The encoded protein requires Fe(2+) ion, 2-oxoglutarate, and oxygen for its catalytic activity. The protein has an N-terminal PHD finger and a central Jumonji C domain. This gene is thought to function as a transcription activator. Defects in this gene are a cause of syndromic

X-linked Siderius type intellectual disability (MRXSSD) and over-expression of this gene is associated with several forms of cancer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2017]

Subcellular Location:
Nucleus. Nucleus, nucleolus. Note=Recruitedto H3K4me3 sites on chromatin during interphase. Dissociates fromchromatin when cells enter mitosis.

SWISS:
Q9UPP1

Gene ID:
23133

Database links:

Entrez Gene: 23133 Human

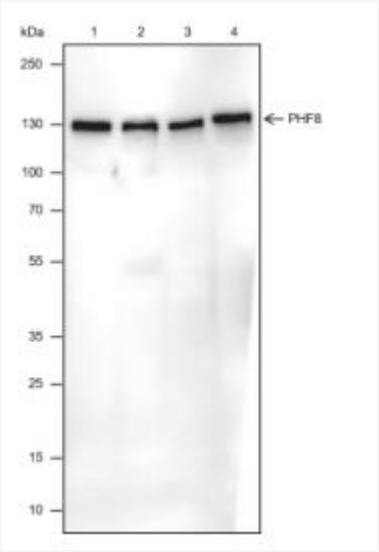
Entrez Gene: 320595 Mouse

Entrez Gene: 317425 Rat

SwissProt: Q9UPP1 Human

SwissProt: Q80TJ7 Mouse

Product Picture



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Blocking buffer: 5% NFDM/TBST

Primary Ab dilution: 1:1000

Primary Ab incubation condition: 2 hours at room temperature

Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP)

Lysate: 1: HeLa, 2: HEK-293, 3: NIH/3T3, 4: PC-12

Protein loading quantity: 20 μg

Exposure time: 60 s

Predicted MW: 118 kDa

Observed MW: 140 kDa