
Product Information

Product SKU:	CAB19780	Gene ID:	23133	Size:	20uL, 100uL
Clone No:	ARC2306	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	140kDa	Conjugate:	Unconjugated
Calculated MW:	118kDa	Isotype:	IgG

Immunogen Information

Background: 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.

Recommended Dilution: WB,1:500 - 1:1000

Synonyms: KDM7B; JHDM1F; MRXSSD; ZNF422; PHF8

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 800-900 of human PHF8 (Q9UPP1).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.