
Product Information

Product SKU:	CAB10386	Gene ID:	10797	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	38kDa	Conjugate:	Unconjugated
Calculated MW:	38kDa	Isotype:	IgG

Immunogen Information

Background: This gene encodes a nuclear-encoded mitochondrial bifunctional enzyme with methylenetetrahydrofolate dehydrogenase and methenyltetrahydrofolate cyclohydrolase activities. The enzyme functions as a homodimer and is unique in its absolute requirement for magnesium and inorganic phosphate. Formation of the enzyme-magnesium complex allows binding of NAD. Alternative splicing results in two different transcripts, one protein-coding and the other not protein-coding. This gene has a pseudogene on chromosome 7.

Recommended Dilution: WB,1:500 - 1:1000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200

Synonyms: NMDMC; MTHFD2

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 40-250 of human MTHFD2 (NP_006627.2).

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