



# Anti-HEMK1 monoclonal antibody (DCABH-15650)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	N5-glutamine methyltransferase responsible for the methylation of the GGQ triplet of the mitochondrial translation release factor MTRF1L.
<b>Immunogen</b>	A synthetic peptide of human HEMK1 is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot (Transfected lysate); ELISA
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">HEMK1 HemK methyltransferase family member 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	HEMK1
<b>Synonyms</b>	HEMK1; HemK methyltransferase family member 1; hemK methyltransferase family member 1;

MTQ1; m.HsaHemKP; HEMK homolog 7kb; HEMK; FLJ22320;

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<b>Entrez Gene ID</b>	<a href="#">51409</a>
<b>Protein Refseq</b>	<a href="#">NP_057257</a>
<b>UniProt ID</b>	<a href="#">Q9Y5R4</a>
<b>Chromosome Location</b>	3p21
<b>Pathway</b>	Histidine metabolism, organism-specific biosystem; Histidine metabolism, conserved biosystem; Tyrosine metabolism, organism-specific biosystem; Tyrosine metabolism, conserved biosystem.
<b>Function</b>	DNA binding; N-methyltransferase activity; protein methyltransferase activity; transferase activity;

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