

HEM1 rabbit pAb

Catalog_no :	<u>AN3569</u>
Applications :	<u>WB</u>
Reactivity :	<u>Human, Mouse,Rat</u>
Category :	<u>抗原抗体</u>
Size :	<u>100µg/50µg/20µg</u>
Gene_name :	<u>ALAS1 ALAS3 ALASH OK/SW-cl.121</u>
Protein_name :	<u>HEM1</u>
Humangene_id	<u>211</u>
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Humanswissprot	<u>P13196</u>
_no :	
Mousegene_id :	<u>11655</u>
Mouseswissprot	<u>Q8VC19</u>
_no :	
Ratgene_id :	<u>65155</u>
Ratswissprot_no	<u>P13195</u>
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Immunogen :	<u>Synthesized peptide derived from human HEM1</u>
Specificity :	<u>This antibody detects endogenous levels of HEM1 at Human/Mouse/Rat</u>
Formulation :	<u>Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.</u>
Source :	<u>Rabbit</u>
Dilution :	<u>WB 1 : 500-2000</u>
Purification :	<u>The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.</u>
Concentration :	<u>1 mg/ml</u>
Storage_stability	<u>-20°C/1 year</u>
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Background :	<u>This gene encodes the mitochondrial enzyme which is catalyzes the rate-limiting step in heme (iron-protoporphyrin) biosynthesis. The enzyme encoded by this gene is the housekeeping enzyme; a separate gene encodes a form of the enzyme that is specific</u>

for erythroid tissue. The level of the mature encoded protein is regulated by heme: high levels of heme down-regulate the mature enzyme in mitochondria while low heme levels up-regulate. A pseudogene of this gene is located on chromosome 12. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2015],
