

ADHFE1 rabbit pAb

Catalog No :	YN7245
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	ADHFE1
Gene Name :	ADHFE1 HMFT2263
Protein Name :	Hydroxyacid-oxoacid transhydrogenase, mitochondrial (HOT) (EC 1.1.99.24) (Alcohol dehydrogenase iron-containing protein 1) (ADHFe1) (Fe-containing alcohol dehydrogenase)
Human Gene Id :	137872
Human Swiss Prot No :	Q8IWW8
Mouse Gene Id :	76187
Mouse Swiss Prot No :	Q8R0N6
Rat Gene Id :	362474
Rat Swiss Prot No :	Q4QQW3
Immunogen :	Synthesized peptide derived from human ADHFE1
Specificity :	This antibody detects endogenous levels of ADHFE1 at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	<u>1 mg/ml</u>
Storage Stability :	<u>-15°C to -25°C/1 year(Do not lower than -25°C)</u>
Molecularweight :	<u>51kD</u>
Function :	<u>Catalyzes the cofactor-independent reversible oxidation of gamma-hydroxybutyrate (GHB) to succinic semialdehyde (SSA) coupled to reduction of 2-ketoglutarate (2-KG) to D-2-hydroxyglutarate (D-2-HG). D,L-3-hydroxyisobutyrate and L-3-hydroxybutyrate (L-3-OHB) are also substrates for HOT with 10-fold lower activities.</u>
Subcellular Location :	<u>Mitochondrion .</u>
Expression :	<u>Only expressed in adult liver.</u>

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