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Datasheet for ABIN7111442 **anti-ADHFE1 antibody**

Overview

Quantity:	100 µg
Target:	ADHFE1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADHFE1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	alcohol dehydrogenase, iron containing, 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	ADHFE1
Alternative Name:	ADHFE1 (ADHFE1 Products)
Background:	Synonyms:ADH8, ADHFE1, FLJ32430, HMFT2263, HOT Background: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

Target Details

with 10-fold lower activities.

Molecular Weight: 50 kDa

Gene ID: 137872

UniProt: [Q8IWW8](#)

Application Details

Application Notes: WB: 1:1000-1:10000, IHC: 1:20-1:200, IP: 1:200-1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months