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Datasheet for ABIN7467517
anti-ADHFE1 antibody

Overview

Quantity:	100 µL
Target:	ADHFE1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADHFE1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ADHFE1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ADHFE1
Alternative Name:	alcohol dehydrogenase iron containing 1 (ADHFE1 Products)
Background:	Alcohol dehydrogenase iron containing 1 , ADH8 , HMFT2263 , HOT, The ADHFE1 gene encodes hydroxyacid-oxoacid transhydrogenase (EC 1.1.99.24), which is responsible for the oxidation of

Target Details

4-hydroxybutyrate in mammalian tissues (Kardon et al., 2006 [PubMed 16616524]).[supplied by OMIM]

Molecular Weight: 50 kDa

Gene ID: 137872

UniProt: [Q8IWW8](#)

Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: U87-MG

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.