

Datasheet for ABIN2785062
anti-ADHFE1 antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

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| Quantity: | 100 µL |
| Target: | ADHFE1 |
| Binding Specificity: | Middle Region |
| Reactivity: | Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit, Cow, Saccharomyces cerevisiae |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ADHFE1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the middle region of human ADHFE1 |
| Sequence: | RIVAKYLKRA VRNPDDLEAR SHMHLASAFA GIGFGNAGVH LCHGMSYPIS |
| Predicted Reactivity: | Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Yeast: 79% |
| Characteristics: | This is a rabbit polyclonal antibody against ADHFE1. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

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| Target: | ADHFE1 |
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Target Details

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| Alternative Name: | ADHFE1 (ADHFE1 Products) |
| Background: | <p>ADHFE1 is hydroxyacid-oxoacid transhydrogenase, which is responsible for the oxidation of 4-hydroxybutyrate in mammalian tissues. The ADHFE1 gene encodes hydroxyacid-oxoacid transhydrogenase (EC 1.1.99.24), which is responsible for the oxidation of 4-hydroxybutyrate in mammalian tissues (Kardon et al., 2006 [PubMed 16616524]).[supplied by OMIM].</p> <p>Alias Symbols: ADH8, FLJ32430, HMFT2263, HOT, MGC48605</p> <p>Protein Interaction Partner: GNAQ, LIPC,</p> <p>Protein Size: 467</p> |
| Molecular Weight: | 50 kDa |
| Gene ID: | 137872 |
| NCBI Accession: | NM_144650 , NP_653251 |
| UniProt: | Q8IWW8 |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 467 AA |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |



Western Blotting

Image 1. WB Suggested Anti-ADHFE1 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Human Lung