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## anti-ADHFE1 antibody (Middle Region)



Image



#### Overview

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)
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Product Datails	

#### **Product Details**

Target Details

ADHFE1

Target:

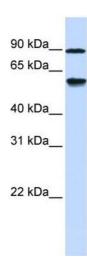
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ADHFE1
Sequence:	RIVAKYLKRA VRNPDDLEAR SHMHLASAFA GIGFGNAGVH LCHGMSYPIS
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Yeast: 79%
Characteristics:	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

Alternative Name:	ADHFE1 (ADHFE1 Products)
Background:	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]. Alias Symbols: ADH8, FLJ32430, HMFT2263, HOT, MGC48605
	Protein Interaction Partner: GNAQ, LIPC, Protein Size: 467
Molecular Weight:	50 kDa
Gene ID:	137872
NCBI Accession:	NM_144650, NP_653251
UniProt:	Q8IWW8

### **Application Details**

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