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## Datasheet for ABIN2777370 anti-AEBP1 antibody (N-Term)

3 Images

1 Publication



#### Overview

Quantity:	100 µL
Target:	AEBP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Horse, Rabbit, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AEBP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human AEBP1	
Sequence:	VPPEKTKDKG KKGKKDKGPK VPKESLEGSP RPPKKGKEKP PKATKKPKEK	
Predicted Reactivity:	Cow: 92%, Dog: 92%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 92%, Rabbit: 100%, Rat: 100%	
Characteristics:	This is a rabbit polyclonal antibody against AEBP1. It was validated on Western Blot and immunohistochemistry.	
Purification:	Affinity Purified	
Target Details		
Target:	AEBP1	

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Target Details	
Alternative Name:	AEBP1 (AEBP1 Products)
Background:	The adipocyte enhancer binding protein 1 (AEBP1) is a transcriptional repressor with
	carboxypeptidase (CP) activity. This protein binds to a regulatory sequence, adipocyte enhancer
	1 (AE-1), located in the proximal promoter region of the adipose P2 (aP2) gene, which encodes
	the adipocyte fatty-acid binding protein. It is characterized as a member of the regulatory B-like
	CP family. This protein seems to be activated by a novel mechanism, whereby the direct
	binding of DNA enhances its protease activity. AEBP1 may play a role in differentiated vascular
	smooth muscle cells.
	Alias Symbols: ACLP
	Protein Interaction Partner: GRB2, TCF3,
	Protein Size: 1158
Molecular Weight:	131 kDa
Gene ID:	165
NCBI Accession:	NM_001129, NP_001120
UniProt:	Q14113
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1158 AA
Restrictions:	For Research Use only
Handling	

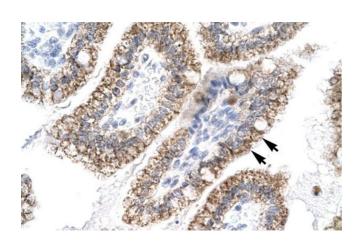
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	

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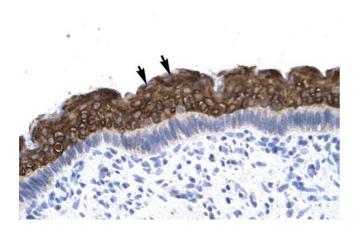
Storage:	-20 °C	
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.	
Publications		
Product cited in:	Ursini, Cavalleri, Fazio, Angrisano, Iacovelli, Porcelli, Maddalena, Punzi, Mancini, Gelao, Romano,	
	Masellis, Calabrese, Rampino, Taurisano, Di Giorgio, Keller, Tarantini, Sinibaldi, Quarto et al.: "	
	BDNF rs6265 methylation and genotype interact on risk for schizophrenia" in: Epigenetics,	
	Vol. 11, Issue 1, pp. 11-23, (2016) (PubMed).	

#### Images



#### Immunohistochemistry

Image 1. Human Intestine



#### Immunohistochemistry

Image 2. Human Spermatophore

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#### Western Blotting

**Image 3.** WB Suggested Anti-AEBP1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: HepG2 cell lysate

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