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Datasheet for ABIN1679794

anti-FABP5 antibody (AA 1-100)

2 Images

1 Publication

Overview

Quantity:	100 µg
Target:	FABP5
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FABP5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human FABP5 (NP_001435.1).
Sequence:	MATVQQLEGR WRLVDSKGF D EYMKELGVGI ALRKM GAMAK PDCIITCDGK NLTIKTESTL KTTQFSCTLG EKFEETTADG RKTQTV CNFT DGALVQH QEW
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	FABP5
Alternative Name:	FABP5 (FABP5 Products)
Background:	<p>This gene encodes the fatty acid binding protein found in epidermal cells, and was first identified as being upregulated in psoriasis tissue. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs may play roles in fatty acid uptake, transport, and metabolism. Polymorphisms in this gene are associated with type 2 diabetes. The human genome contains many pseudogenes similar to this locus.,FABP5,E-FABP,EFABP,KFABP,PA-FABP,PAFABP,Cancer,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,Cardiovascular,Lipids,Fatty Acids,FABP5</p>
Molecular Weight:	15 kDa
Gene ID:	2171
UniProt:	Q01469

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

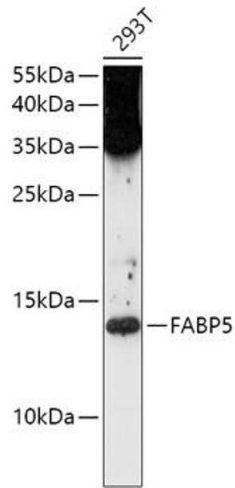
Handling

Buffer:	PBS with 0.02 % sodium azide,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:	Store at -20°C. Avoid freeze / thaw cycles.

Publications

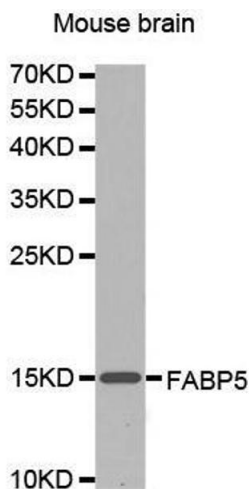
Product cited in:	Cao, Liu, Huang, Wang, Jiao, Huo: "SUMO2 modification of Aurora B and its impact on follicular development and atresia in the mouse ovary." in: International journal of molecular medicine , Vol. 41, Issue 6, pp. 3115-3126, (2018) (PubMed).
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Liu, Liu, Wang, Du, Chen, Chen, Guo, Weng, Wang, Wang, Wang: "Effects of apigenin on the expression levels of B-cell lymphoma-2, Fas and Fas ligand in renal ischemia-reperfusion injury in rats." in: **Experimental and therapeutic medicine**, Vol. 14, Issue 6, pp. 5345-5354, (2017) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis of extracts of 293T cells, using F antibody (ABIN1679794, ABIN3015402, ABIN3015403 and ABIN6214037) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 3 min.



Western Blotting

Image 2.