

Datasheet for ABIN2778144

anti-FABP7 antibody (N-Term)



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1 Image

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Overview

Quantity:	100 µL
Target:	FABP7
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Guinea Pig, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FABP7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human FABP7
Sequence:	NFDEYMKALG VGFATRQVGN VTKPTVIISQ EGDKVVIRTL STFKNTEISF
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against FABP7. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	FABP7
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Target Details

Alternative Name:	FABP7 (FABP7 Products)
Background:	The protein encoded by FABP7 is a brain fatty acid binding protein. Fatty acid binding proteins (FABPs) are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs are thought to play roles in fatty acid uptake, transport, and metabolism. Alias Symbols: MRG, BLBP, FABPB, B-FABP Protein Size: 132
Molecular Weight:	15 kDa
Gene ID:	2173
NCBI Accession:	NM_001446 , NP_001437
UniProt:	O15540

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 132 AA
Restrictions:	For Research Use only

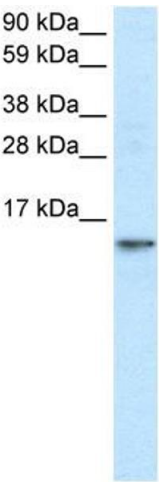
Handling

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.

Publications

Product cited in: Sun, Dierssen, Toran, Pollak, Chen, Lubec: "A gel-based proteomic method reveals several protein pathway abnormalities in fetal Down syndrome brain." in: **Journal of proteomics**, Vol. 74 , Issue 4, pp. 547-57, (2011) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-FABP7 Antibody Titration:
1.25ug/ml Positive Control: Human brain