

Product datasheet

Anti-I-FABP antibody [EPR7136] α b128860

Recombinant RabMAb

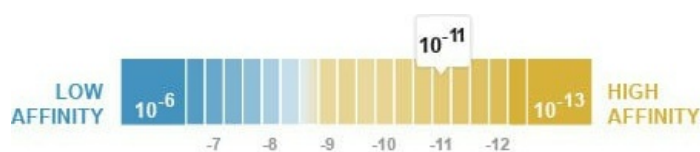
[3 References](#) [3 Images](#)

Overview

Product name	Anti-I-FABP antibody [EPR7136]
Description	Rabbit monoclonal [EPR7136] to I-FABP
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human I-FABP aa 1-100. The exact sequence is proprietary. Database link: P12104
Positive control	WB: Human, Rat and Mouse small intestine lysates.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Dissociation constant (K_D)	$K_D = 2.90 \times 10^{-11}$ M



[Learn more about \$K_D\$](#)

Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide
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	Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR7136
Isotype	IgG

Applications

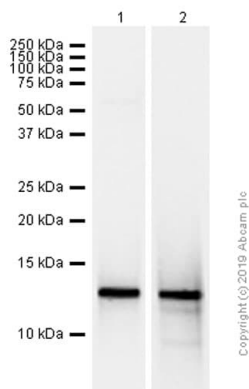
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab128860 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000. Predicted molecular weight: 15 kDa. For unpurified use at 1/1000 - 1/10000.

Target

Function	FABP are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters. FABP2 is probably involved in triglyceride-rich lipoprotein synthesis. Binds saturated long-chain fatty acids with a high affinity, but binds with a lower affinity to unsaturated long-chain fatty acids. FABP2 may also help maintain energy homeostasis by functioning as a lipid sensor.
Tissue specificity	Expressed in the small intestine and at much lower levels in the large intestine. Highest expression levels in the jejunum.
Sequence similarities	Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.
Domain	Forms a beta-barrel structure that accommodates the hydrophobic ligand in its interior.
Cellular localization	Cytoplasm.

Images



Western blot - Anti-I-FABP antibody [EPR7136]
(ab128860)

All lanes : Anti-I-FABP antibody [EPR7136] (ab128860) at
1/10000 dilution (Purified)

Lane 1 : Human small intestine lysates

Lane 2 : Mouse small intestine lysates

Lysates/proteins at 15 µg per lane.

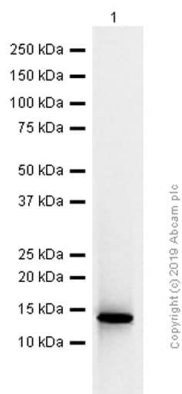
Secondary

All lanes : Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity
with human IgG at 1/2000 dilution

Predicted band size: 15 kDa

Observed band size: 14 kDa

Blocking/Diluting buffer: 5% NFDM/TBST



Western blot - Anti-I-FABP antibody [EPR7136]
(ab128860)

Anti-I-FABP antibody [EPR7136] (ab128860) at 1/1000 dilution
(Purified) + Rat small intestine lysates at 15 µg

Secondary

Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with
human IgG at 1/2000 dilution

Predicted band size: 15 kDa

Observed band size: 14 kDa

Blocking/Diluting buffer: 5% NFDM/TBST

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-I-FABP antibody [EPR7136] (ab128860)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We investigate all quality concerns to ensure our products perform to the highest standards

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