

Datasheet for ABIN753223

anti-FABP4 antibody (AA 61-132)[Go to Product page](#)**1** Publication

Overview

Quantity:	100 µL
Target:	FABP4
Binding Specificity:	AA 61-132
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FABP4 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FABP4
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	FABP4
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Target Details

Alternative Name:	FABP4 (FABP4 Products)
Background:	Synonyms: aP2, ALBP, AFABP, A-FABP, HEL-S-14, Fatty acid-binding protein, adipocyte, Adipocyte lipid-binding protein, Adipocyte-type fatty acid-binding protein, Fatty acid-binding protein 4, FABP4 Background: Lipid transport protein in adipocytes. Binds both long chain fatty acids and retinoic acid. Delivers long-chain fatty acids and retinoic acid to their cognate receptors in the nucleus (By similarity).
Gene ID:	2167
UniProt:	P15090
Pathways:	Brown Fat Cell Differentiation

Application Details

Application Notes:	ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in: Claycombe, Vomhof-DeKrey, Garcia, Johnson, Uthus, Roemmich et al.: "Decreased beige adipocyte number and mitochondrial respiration coincide with increased histone methyl transferase (G9a) and reduced FGF21 gene expression in Sprague-Dawley rats fed prenatal low ..." in: **The Journal of nutritional biochemistry**, Vol. 31, pp. 113-21, (2016) ([PubMed](#)).