

Datasheet for ABIN601292
anti-FABP4 antibody (AA 103-120)



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Overview

Quantity:	100 µg
Target:	FABP4
Binding Specificity:	AA 103-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FABP4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide corresponding to aa103-120, TTIK RKREDDKL VVECV M to human fatty acid-binding protein, adipocyte. Percent identity by BLAST analysis: Human, Gorilla (100%), Gibbon, Marmoset, Hamster, Bat, Rabbit (94%), Monkey, Mouse, Elephant, Dog (89%), Rat, Sheep, Pig (83%). Type of Immunogen: Synthetic peptide
Specificity:	Recognizes human fatty acid-binding protein, adipocyte at 15kD. Species cross-reactivity: rat. Sequence Homology: mouse.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla (100%) Gibbon, Marmoset, Hamster, Bat, Rabbit (94%) Monkey, Mouse, Elephant, Dog (89%) Rat, Sheep, Pig (83%).
Purification:	Immunoaffinity purified

Target Details

Target:	FABP4
Alternative Name:	FABP4 / AP2 (FABP4 Products)
Background:	Name/Gene ID: FABP4 Synonyms: FABP4, A-FABP, AFABP, ALBP, AP2, Fatty acid-binding protein 4
Gene ID:	2167
UniProt:	P15090
Pathways:	Brown Fat Cell Differentiation

Application Details

Application Notes:	Approved: IHC (1 - 2 µg/mL), WB (1 µg/mL) Usage: Suitable for use in Western Blot and Immunohistochemistry. Western Blot: 1 µg/mL. Immunohistochemistry: 1-2 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Sterile distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from 5 mg BSA, 0.9 mg sodium chloride, 0.2 mg sodium phosphate, 0.05 mg Thimerosal, 0.05 mg sodium azide
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Aliquot to Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Lyophilized powder may be stored at -20°C. Stable for 1 year at -20°C. Aliquot to avoid freeze-thaw cycles. Store at -20°C. Reconstituted product is stable for 1 year at -20°C.