

Datasheet for ABIN715406 **anti-RBP4 antibody**



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Overview

Quantity:	100 µL
Target:	RBP4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RBP4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RBP4
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	RBP4
Alternative Name:	Rbp4 (RBP4 Products)
Background:	Synonyms: plasma retinol binding protein 4, Plasma retinol-binding proteinv, Plasma retinol-binding protein1-176, prbp, PRO2222, RBP, RBP4, RET4_HUMAN, Retinol binding protein 4, retinol binding protein 4 interstitial, Retinol binding protein 4 plasma.

Target Details

Background: This protein belongs to the lipocalin family and is the specific carrier for retinol (vitamin A alcohol) in the blood. It delivers retinol from the liver stores to the peripheral tissues. In plasma, the RBP-retinol complex interacts with transthyretin which prevents its loss by filtration through the kidney glomeruli. A deficiency of vitamin A blocks secretion of the binding protein posttranslationally and results in defective delivery and supply to the epidermal cells. [provided by RefSeq, Jul 2008].

Gene ID:	5950
Pathways:	Regulatory RNA Pathways , Positive Regulation of Peptide Hormone Secretion , Carbohydrate Homeostasis , Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	WB(1:100-1000), IHC-P(1:100-500), IF(IHC-P)(1:50-200)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 0.09 % sodium azide.
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 for 12 months.
Expiry Date:	12 months