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Datasheet for ABIN356230
anti-RBP4 antibody (AA 19-201)

4 Images

Overview

Quantity:	0.1 mL
Target:	RBP4
Binding Specificity:	AA 19-201
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RBP4 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant human RBP4 (19-201 aa) purified from E. coli
Clone:	AT2B4
Isotype:	IgG1
Specificity:	The antibody recognizes human RBP4. Other species not tested.
Characteristics:	Synonyms: RBP-4, Retinol-binding protein 4, Plasma retinol-binding protein, PRBP, RBP
Purification:	Protein-G affinity chromatography

Target Details

Target:	RBP4
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Target Details

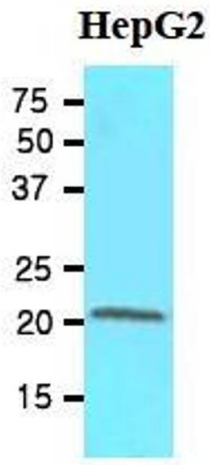
Alternative Name:	RBP4 (RBP4 Products)
Background:	Retinol binding protein 4(RBP4) belongs to the lipocalin family and is the specific carrier for retinol in the blood. This protein was found to be expressed and secreted by adipose tissue, and was strongly associated with insulin resistance. It delivers 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.Synonyms: PRBP, Plasma retinol-binding protein, RBP, RBP-4, Retinol-binding protein 4
Gene ID:	5950
UniProt:	P02753
Pathways:	Regulatory RNA Pathways , Positive Regulation of Peptide Hormone Secretion , Carbohydrate Homeostasis , Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	ELISA. Western blot (1: 500 - 1: 1,000). Immunohistochemistry on paraffin-embedded tissues (1: 25-1: 50). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

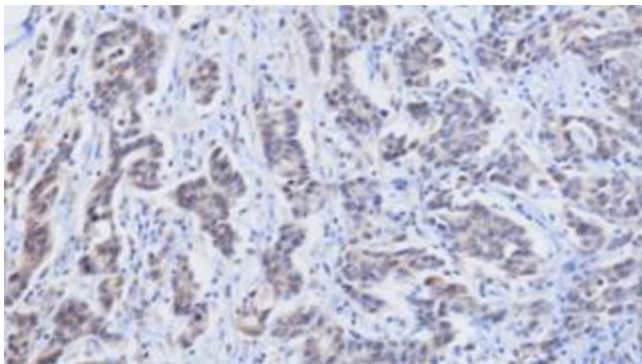
Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.4, containing 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:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for up to two weeks or (in aliquots) at -20 °C or -70 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Expiry Date:	12 months



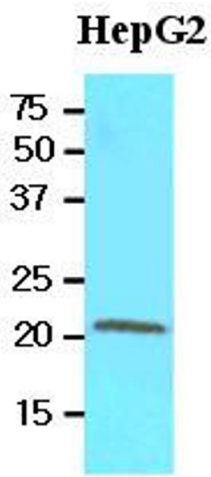
Western Blotting

Image 1.



Immunohistochemistry

Image 2.



Western Blotting

Image 3.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN356230.