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Datasheet for ABIN6938316  
**anti-RBP1 antibody**

### Overview

Quantity:	100 µg
Target:	RBP1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RBP1 antibody is un-conjugated
Application:	Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

### Product Details

Immunogen:	Recombinant human retinol binding protein-1 (RBP1)
Clone:	RBP-872
Isotype:	IgG1 kappa
Specificity:	Recognizes a protein of 21 kDa-25 kDa, identified as retinol binding protein-1 (RBP1). 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 post-transnationally and results in defective delivery and supply to the epidermal cells.
Cross-Reactivity (Details):	Human. Monkey. Goat. Rabbit. Rat. Mouse.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

## Target Details

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Target:	RBP1
Alternative Name:	RBP1 ( <a href="#">RBP1 Products</a> )
Background:	Cellular retinol-binding protein I, CRBP1, CRBP2, RBP1, RBP2, RBP4, RBPC, Retinol binding protein 1, Retinol binding protein 1 cellular, Retinol binding protein 2 cellular, Retinol binding protein 4 plasma, Retinol Binding Protein-1 (RBP1) Cellular localisation: Cytoplasmic
Molecular Weight:	21-25kDa
Gene ID:	5947, 5948, 5950
UniProt:	<a href="#">P02753</a> , <a href="#">P09455</a> , <a href="#">P50120</a>

## Application Details

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Application Notes:	Known_Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined. Positive_Control: Hepatic or ovarian carcinoma.
Restrictions:	For Research Use only

## Handling

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Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C, -80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months