

Datasheet for ABIN6940484

anti-RBP1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	RBP1
Reactivity:	Human, Mouse, Rat, Rabbit, Monkey, Goat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RBP1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

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.
Purification:	Purified by Protein A/G

Target Details

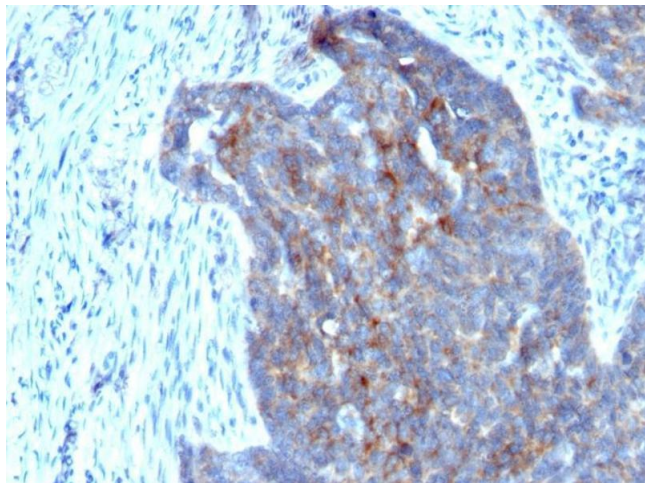
Target:	RBP1
Alternative Name:	RBP1 (RBP1 Products)
Molecular Weight:	21-25kDa
Gene ID:	5947, 5948, 5950
UniProt:	P02753 , P09455 , P50120

Application Details

Application Notes:	Positive Control: Hepatic or ovarian carcinoma. Known Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

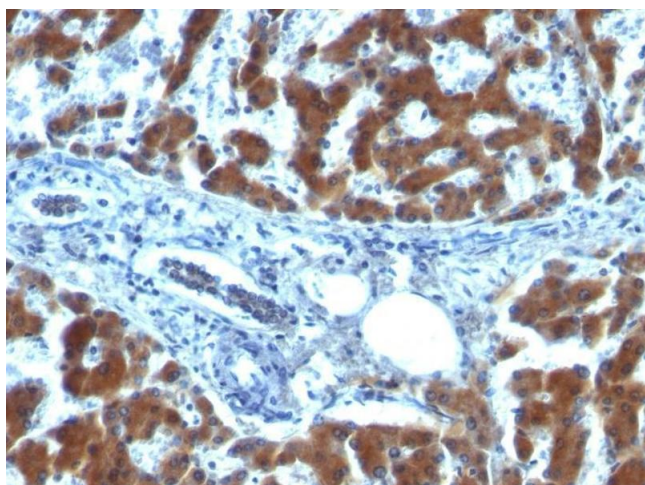
Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % 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,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Formalin-fixed, paraffin-embedded human Ovarian Carcinoma stained with RBP1 (RBP/872)



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Hepatocellular Carcinoma stained with RBP1 (RBP/872)