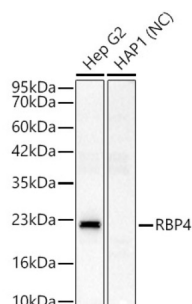


Retinol-Binding Protein 4 (RBP4) Antibody

Catalogue No.: abx001347



Western blot analysis of various lysates, using RBP4 Antibody at 1/300 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Negative control (NC) :HAP1
Exposure time: 30s.

RBP4 Antibody is a Rabbit Polyclonal antibody against RBP4. 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.

Target:	Retinol-Binding Protein 4 (RBP4)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant protein corresponding to RBP4. The exact sequence is proprietary.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P02753 (UniProt , ExPASy)

Datasheet

Version: 5.0.0

Revision date: 20 Aug 2025



Gene Symbol: RBP4

GeneID: [5950](#)

NCBI Accession: NP_006735.2

KEGG: hsa:5950

String: [9606.ENSP00000360522](#)

Molecular Weight: Calculated MW: 21 kDa
Observed MW: 23 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only