

Datasheet for ABIN1078485
anti-RBP4 antibody (AA 19-201)



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	RBP4
Binding Specificity:	AA 19-201
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RBP4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Polyclonal Antibody to Retinol Binding Protein 4 (RBP4)
Immunogen:	RPA929Bo01Recombinant Retinol Binding Protein 4 (RBP4)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against RBP4. It has been selected for its ability to recognize RBP4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Goat, Human, Mouse, Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	RBP4
---------	------

Target Details

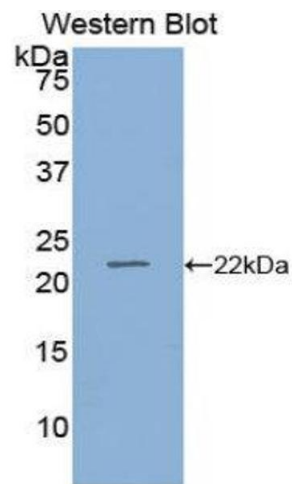
Alternative Name:	RBP4 (RBP4 Products)
Background:	PRBP, RBP, Plasma retinol-binding protein, Retinol Binding Protein 4, Plasma
Pathways:	Regulatory RNA Pathways , Positive Regulation of Peptide Hormone Secretion , Carbohydrate Homeostasis , Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	12 months



Western Blotting

Image 1.

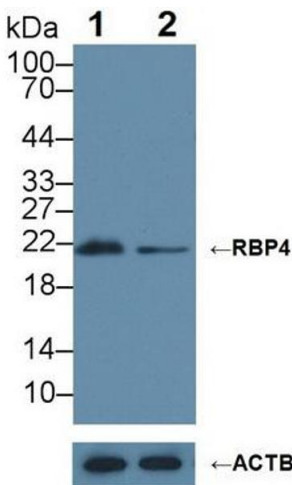


Image 2. Knockout Varification: ;Lane 1: Wild-type HepG2 cell lysate; ;Lane 2: RBP4 knockout HepG2 cell lysate; ;Predicted MW: 21kDa ;Observed MW: 21kDa;Primary Ab: 1µg/ml Rabbit Anti-Bovine RBP4 Antibody;Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;(Catalog: SAA544Rb19)



Western Blotting

Image 3. Western Blot; Sample: Bovine Kidney lysate; Primary Ab: 1µg/ml Rabbit Anti-Bovine RBP4 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)