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Product datasheet for TA346334

RBP1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-RBP1 antibody: synthetic peptide directed towards the middle region of human RBP1. Synthetic peptide located within the following region: IIRTLSTFRNYIMDFQVGKEFEEDLTGIDDRKCMTTVSWDGDKLQCVQKG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	15 kDa
Gene Name:	retinol binding protein 1
Database Link:	NP_002890 Entrez Gene 5947 Human P09455

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Background: RBP1 is the carrier protein involved in the transport of retinol (vitamin A alcohol) from the liver storage site to peripheral tissue. Vitamin A is a fat-soluble vitamin necessary for growth, reproduction, differentiation of epithelial tissues, and vision.RBP1 is the carrier protein involved in the transport of retinol (vitamin A alcohol) from the liver storage site to peripheral tissue. Vitamin A is a fat-soluble vitamin necessary for growth, reproduction, differentiation of epithelial tissues, and vision. The gene harbors four exons encoding 24, 59, 33, and 16 amino acid residues respectively. The second intervening sequence alone occupies 19 kb of the 21 kb of the gene.

Synonyms: CRABP-I; CRBP; CRBP1; CRBPI; RBPC

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 86%

Product images:

WB Suggested Anti-RBP1 Antibody Titration: 2.5 ug/ml; Positive Control: HCT116 cell lysate.RBP1 is supported by BioGPS gene expression data to be expressed in HCT116