



Human RBP4 blocking peptide (CDBP2494)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-RBP4 (Internal) antibody
Antigen Description	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. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	RBP4 retinol binding protein 4, plasma [Homo sapiens]
Official Symbol	RBP4
Synonyms	RBP4; retinol binding protein 4, plasma; retinol-binding protein 4; RBP; PRBP; plasma retinol-binding protein; retinol-binding protein 4, interstitial;

Entrez Gene ID	5950
mRNA Refseq	NM_006744
Protein Refseq	NP_006735
UniProt ID	P02753
Chromosome Location	10q23-q24
Pathway	Vitamin A and carotenoid metabolism, organism-specific biosystem; retinol biosynthesis, conserved biosystem; retinol biosynthesis, organism-specific biosystem;
Function	protein binding; retinal binding; retinol binding; retinol transporter activity; transporter activity;