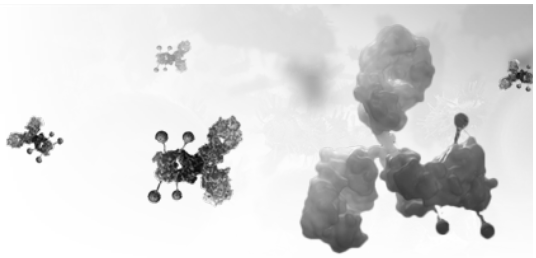

Human DCXR blocking peptide (CDBP0981)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-DCXR antibody
Antigen Description	The protein encoded by this gene acts as a homotetramer to catalyze diacetyl reductase and L-xylulose reductase reactions. The encoded protein may play a role in the uronate cycle of glucose metabolism and in the cellular osmoregulation in the proximal renal tubules. Defects in this gene are a cause of pentosuria. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2010]
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	DCXR dicarbonyl/L-xylulose reductase [Homo sapiens]
Official Symbol	DCXR
Synonyms	DCXR; dicarbonyl/L-xylulose reductase; L-xylulose reductase; DCR; KIDCR; SDR20C1; short chain dehydrogenase/reductase family 20C; member 1; carbonyl reductase 2; carbonyl reductase II; sperm surface protein P34H; kidney dicarbonyl reductase; short chain

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	dehydrogenase/reductase family 20C, member 1; XR; HCR2; P34H; HCRII;
Entrez Gene ID	51181
mRNA Refseq	NM_001195218
Protein Refseq	NP_001182147
UniProt ID	Q7Z4W1
Chromosome Location	17q25.3
Pathway	D-glucuronate degradation I, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Pentose and glucuronate interconversions, organism-specific biosystem; Pentose and glucuronate interconversions, conserved biosystem;
Function	L-xylulose reductase (NADP+) activity; nucleotide binding; oxidoreductase activity, acting on CH-OH group of donors; oxidoreductase activity, acting on NADH or NADPH, quinone or similar compound as acceptor;

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