



Human PKD2 blocking peptide (CDBP2344)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Polycystin 2/PKD2 antibody
Antigen Description	This gene encodes a member of the polycystin protein family. The encoded protein is a multi-pass membrane protein that functions as a calcium permeable cation channel, and is involved in calcium transport and calcium signaling in renal epithelial cells. This protein interacts with polycystin 1, and they may be partners in a common signaling cascade involved in tubular morphogenesis. Mutations in this gene are associated with autosomal dominant polycystic kidney disease type 2. [provided by RefSeq, Mar 2011]
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	Pkd2 polycystic kidney disease 2 (autosomal dominant) [Rattus norvegicus (Norway rat)]
Official Symbol	PKD2
Synonyms	PKD2; polycystic kidney disease 2 (autosomal dominant); RGD1559992; polycystin-2; polycystic kidney disease 2 homolog;

Entrez Gene ID	498328
mRNA Refseq	NM_001191934.1
Protein Refseq	NP_001178863.1
UniProt ID	D4A5F1
Chromosome Location	14p22
Function	ATPase binding; ATPase binding; HLH domain binding; HLH domain binding; actinin binding; alpha-actinin binding; calcium channel activity; calcium channel activity; calcium ion binding; calcium ion binding; calcium-induced calcium release activity; calcium