



Anti-PKD1 polyclonal antibody (DPAB-DC803)

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

PRODUCT INFORMATION

Antigen Description	PKD1 (polycystic kidney disease 1 (autosomal dominant)) is a protein-coding gene. Diseases associated with PKD1 include polycystic kidney disease, type 1, and polycystic kidney disease, adult type i. GO annotations related to this gene include carbohydrate binding and protein kinase binding. An important paralog of this gene is PKD2.
Specificity	Specific to recombinant protein GX1855. This antibody detects mLOC399491 protein.
Immunogen	Recombinant GST fusion protein corresponding to 140 amino acids of mouse Pkd1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	50 µg
Buffer	In PBS (50% glycerol, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Pkd1 polycystic kidney disease 1 homolog [Mus musculus (house mouse)]
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Official Symbol	PKD1
Synonyms	PKD1; polycystic kidney disease 1 homolog; PC1; mFLJ00285; polycystin-1; polycystin 1; polycystic kidney disease 1 homolog; polycystin-1; autosomal dominant polycystic kidney disease 1 protein homolog;
Entrez Gene ID	18763
Protein Refseq	NP_038658
UniProt ID	Q08852
Chromosome Location	17 A3.3; 17 12.4 cM
Pathway	XPodNet - protein-protein interactions in the podocyte expanded by STRING;
Function	calcium channel activity; carbohydrate binding; cation channel activity; ion channel binding
