



# Anti-PKD1 polyclonal antibody (DPAB-DC803)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Specificity</b>	Specific to recombinant protein GX1855. This antibody detects mLOC399491 protein.
<b>Immunogen</b>	Recombinant GST fusion protein corresponding to 140 amino acids of mouse Pkd1.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	In PBS (50% glycerol, 0.02% sodium azide)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name** [Pkd1 polycystic kidney disease 1 homolog \[ Mus musculus \(house mouse\) \]](#)

<b>Official Symbol</b>	PKD1
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">18763</a>
<b>Protein Refseq</b>	<a href="#">NP_038658</a>
<b>UniProt ID</b>	<a href="#">O08852</a>
<b>Chromosome Location</b>	17 A3.3; 17 12.4 cM
<b>Pathway</b>	XPodNet - protein-protein interactions in the podocyte expanded by STRING;
<b>Function</b>	calcium channel activity; carbohydrate binding; cation channel activity; ion channel binding