

## PKD2 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP07230
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PKD2. AA range:778-827
<b>Mol wt</b>	96722
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	PKD2 Antibody
<b>Synonyms</b>	PKD2; Polycystin-2; Autosomal dominant polycystic kidney disease type II protein; Polycystic kidney disease 2 protein; Polycystwin; R48321

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

PKD2 (polycystin 2, transient receptor potential cation channel) 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 PKD2 are associated with autosomal dominant polycystic kidney disease type 2.

### Recommended Dilution

IF: 1: 200 - 1: 1000

ELISA: 1: 10000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for one year