

PKD2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07230
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human PKD2. AA range:778-827
Mol wt	96722
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IF, ELISA
Concentration	1 mg/ml
Full name	PKD2 Antibody
Synonyms	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

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