

PKD2(Phospho Ser812) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP13121
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	The antiserum was produced against synthesized peptide derived from human PKD2 around the phosphorylation site of Ser812. AA range:778-827
Mol wt	96722
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Polycystin-2
Synonyms	Polycystin-2; 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

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.

Recommended Dilution

IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

ELISA: 1: 5000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year