

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