
ANKS6 Antibody Blocking Peptide

Catalog Number: bs-9099P

Activity: Not tested

Purification: HPLC

Storage: Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: ANKS6, also known as ankyrin repeat domain-containing protein 14, SAMD6 (sterile alpha motif domain-containing protein 6), SamCystin or PKDR1, is an 871 amino acid phosphoprotein that contains eleven ANK repeats, one SAM domain and exists as three alternatively spliced isoforms. Encoded by a gene that maps to human chromosome 9q22.33, ANKS6 is necessary for renal function and is linked to renal cyst formation in polycystic kidney disease. ANKS6 interacts with BICC1, another protein linked to polycystic kidney disease, and both co-localize to the same cell region. ANKS6 is involved in protein-protein interactions with both itself as well as BICC1, and both proteins function in a molecular pathway that is linked to cystogenesis. ANKS6 may also be associated with dental anomalies.