

[Go to Product page](#)

## Datasheet for ABIN1386931 **anti-ANKS6 antibody**

### Overview

Quantity:	100 µL
Target:	ANKS6
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANKS6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ANKS6
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	ANKS6
Alternative Name:	ANKS6 ( <a href="#">ANKS6 Products</a> )
Background:	Synonyms: ANKRD14, Anks6, ANKS6_HUMAN, ankyrin repeat and SAM domain containing protein 6, Ankyrin repeat and SAM domain-containing protein 6, ankyrin repeat domain 14, ankyrin repeat domain containing protein 14, Ankyrin repeat domain-containing protein 14, SAM

## Target Details

domain containing protein 6, SAM domain-containing protein 6, SamCystin, SAMD6, sterile alpha mot domain containing 6, sterile alpha mot domain containing protein 6, Sterile alpha mot domain-containing protein 6.

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 proteinprotein 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.

Gene ID: 203286

## Application Details

Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

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

Expiry Date: 12 months