Nephrocystin-5 Polyclonal Antibody

Cat #: ABP51920 Size: 30μl /100μl /200μl

Product Information

	Product Name: Nephrocystin-5 Polyclonal Antibody		
	Applications: WB, IHC-P, ELISA		**Isotype:** Rabbit IgG
	Reactivity: Human		
REF	**Catalog Number:** ABP51920	LOT	**Lot Number:** Refer to product label
	Formulation: Liquid		**Concentration:** 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		**Note:** Contain sodium azide.

Background: IQCB1 encodes a nephrocystin protein that interacts with calmodulin and the retinitis pigmentosa GTPase regulator protein. IQ calmodulin-binding motif-containing protein 1 has a central coiled-coil region and two calmodulin-binding IQ domains. It is localized to the primary cilia of renal epithelial cells and connecting cilia of photoreceptor cells. IQ calmodulin-binding motif-containing protein 1 is thought to play a role in ciliary function. Defects in this gene result in Senior-Loken syndrome type 5. Alternative splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 6.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:40000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

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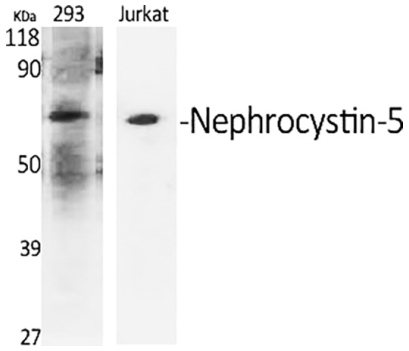
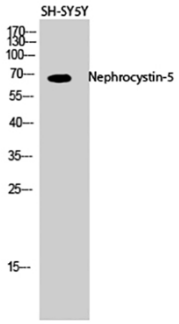
	Fig.1. Western Blot analysis of various cells using Nephrocystin-5 Polyclonal Antibody diluted at 1:500.
	Fig.2. Western Blot analysis of SH-SY5Y cells using Nephrocystin-5 Polyclonal Antibody diluted at 1:500.

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