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ANKS6 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13973c

Product Information

Application	WB, E
Primary Accession	Q68DC2
Other Accession	NP_775822.3
Reactivity	Human
Predicted	Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32933
Calculated MW	92219
Antigen Region	505-534

Additional Information

Gene ID	203286
Other Names	Ankyrin repeat and SAM domain-containing protein 6, Ankyrin repeat domain-containing protein 14, SamCystin, Sterile alpha motif domain-containing protein 6, SAM domain-containing protein 6, ANKS6, ANKRD14, PKDR1, SAMD6
Target/Specificity	This ANKS6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 505-534 amino acids from the Central region of human ANKS6.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ANKS6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ANKS6

Synonyms	ANKRD14, PKDR1, SAMD6
Function	Required for renal function.
Cellular Location	Cell projection, cilium {ECO:0000250|UniProtKB:Q6GQX6}. Cytoplasm {ECO:0000250|UniProtKB:P0C0T2}. Note=Localizes to the proximal region of the primary cilium in the presence of INVS {ECO:0000250|UniProtKB:Q6GQX6}

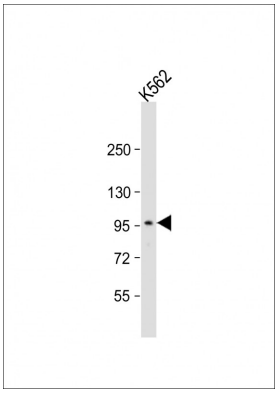
Background

ANKS6 is required for renal function (By similarity).

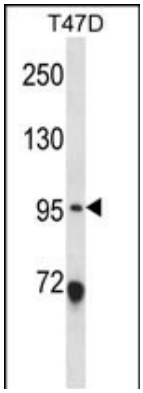
References

Vieira, A.R., et al. Genet. Med. 10(9):668-674(2008)
Kaisaki, P.J., et al. Eur J Med Genet 51(4):325-331(2008)
Humphray, S.J., et al. Nature 429(6990):369-374(2004)

Images



Anti-ANKS6 Antibody (Center) at 1:1000 dilution + K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 92 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



ANKS6 Antibody (Center) (Cat. #AP13973c) western blot analysis in T47D cell line lysates (35ug/lane).This demonstrates the ANKS6 antibody detected the ANKS6 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.