

Rabbit anti-Human ANKS6 Polyclonal Antibody | anti-ANKS6 antibody

Anti-ANKS6 Antibody, Rabbit Polyclonal

CATALOG # AAA256807	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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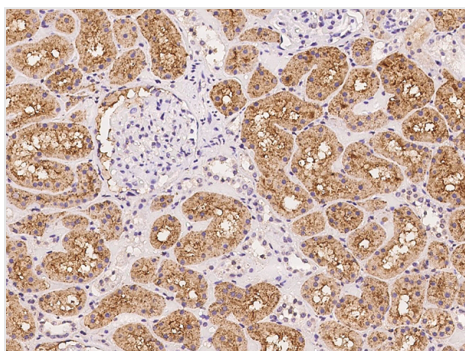
PRODUCT SYNONYMS

ANKS6; Polyclonal Antibody; Anti-ANKS6 Antibody; Rabbit Polyclonal; ANKS6 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-ANKRD14 Antibody; Anti-NPHP16 Antibody; Anti-PKDR1 Antibody; Anti-RP11-207C11.3 Antibody; Anti-SAMD6 Antibody; anti-ANKS6 antibody

PRODUCT SPECIFICATIONS

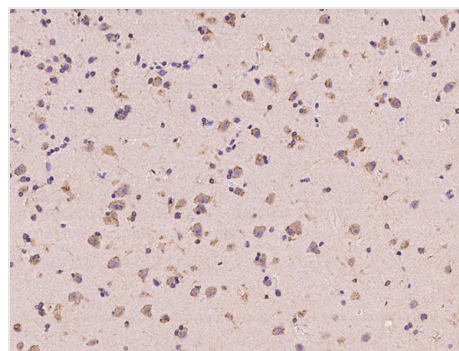
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ANKS6
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-ANKS6 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human ANKS6 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human ANKS6 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human ANKS6 in human kidney with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human ANKS6 in human brain with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-ANKS6 antibody	ANKS6 is a protein containing nine N-terminal ankyrin repeats and a C-terminal sterile alpha motif (SAM). An Arg823Trp missense mutation of Anks6 (SamCystin, Pkdr1) has been identified as the underlying cause of cystic kidney disease in the Han:SPRD +/Cy rat. ANKS6 requires NEK8 for localizing to the ciliary inversin compartment (IC) and activates NEK8 by binding to its kinase domain. ANKS6 is downstream of NEK8 in the IC assembly hierarchy, and exhibits a uniquely strong and functional interaction with NEK8 that is necessary for a NEK8-mediated phosphorylation pathway.
References	Hoff S, et al. (2013) Anks6 is a central component of a nephronophthisis module linking nek8 to invs and nphp3. Nat Genet 45 (8): 951-956.Czarnecki PG, et al. (2015) Anks6 is the critical activator of nek8 kinase in embryonic situs determination and organ patterning. Nat Commun 6 6023.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/anks6-antibody-immunohistochemistry-elisa/256807>