

Rabbit anti-Human CLUAP1 Polyclonal Antibody | anti-CLUAP1 antibody

Anti-CLUAP1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256942	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

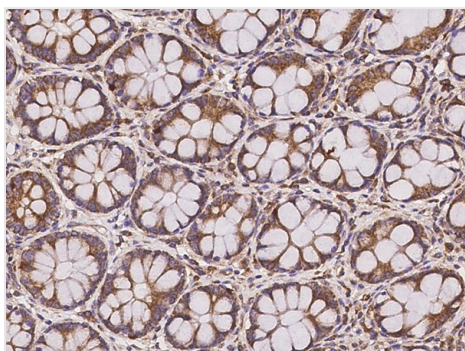
PRODUCT SYNONYMS

CLUAP1; Polyclonal Antibody; Anti-CLUAP1 Antibody; Rabbit Polyclonal; CLUAP1 Antibody; Rabbit PAb; Antigen Affinity Purified; clusterin associated protein 1; Anti-FAP22 Antibody; anti-CLUAP1 antibody

PRODUCT SPECIFICATIONS

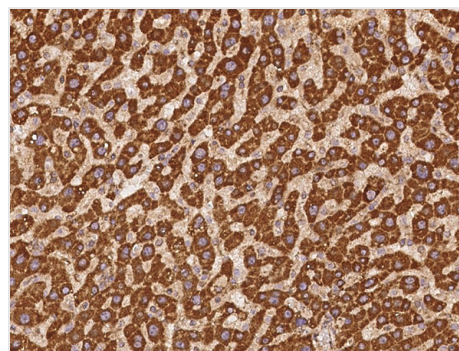
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CLUAP1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CLUAP1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human CLUAP1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human CLUAP1 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



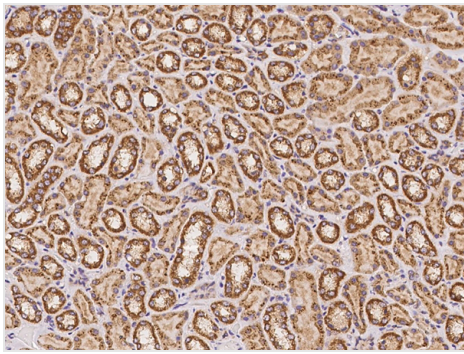
IHC (Immunohistochemistry)

Immunochemical staining of human CLUAP1 in human rectum with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human CLUAP1 in human liver with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human CLUAP1 in human kidney with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-CLUAP1 antibody	Clusterin-associated protein 1 (Cluap1/IFT38) is a ciliary protein that belongs to the intraflagellar transport complex B (IFT-B) complex and is required for ciliogenesis. Cluap1 has been implicated in human development as well as in cancer progression. Cluap1 loss of function results in early developmental defects with neural tube closure, sonic hedgehog signaling and left-right defects. Cluap1 ^{-/-} mice have cilia defects, and Cluap1 protein is detected in primary cilia. Cluap1 contributes to ciliogenesis by regulating the intraflagellar transport (IFT) cycle at the base and tip of the cilium. Loss-of-function mutations in cluap1 (previously known as qilin) result in ciliopathy-related phenotypes, such as kidney cysts and photoreceptor defects, in zebrafish.
References	Soens ZT, et al. (2016) Hypomorphic mutations identified in the candidate leber congenital amaurosis gene cluap1. Genet Med 18 (10): 1044-1051.Lamri L, et al. (2019) Ciliogenesis-coupled accumulation of ift-b proteins in a novel cytoplasmic compartment. Genes Cells 24 (11): 731-745.Beyer T, et al. (2018) Crispr/cas9-mediated genomic editing of cluap1/ift38 reveals a new role in actin arrangement. Mol Cell Proteomics 17 (7): 1285-1294.

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/cluap1-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/256942>