

Rabbit anti-Human TTC12 Polyclonal Antibody | anti-TTC12 antibody

Anti-TTC12 Antibody, Rabbit Polyclonal

CATALOG # AAA256916	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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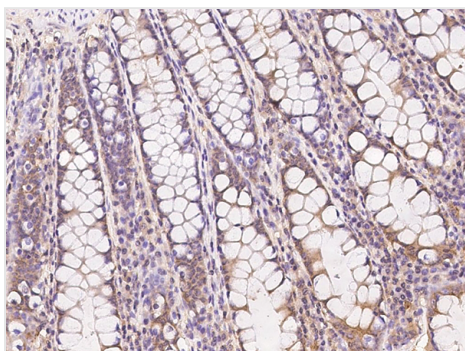
PRODUCT SYNONYMS

TTC12; Polyclonal Antibody; Anti-TTC12 Antibody; Rabbit Polyclonal; TTC12 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-TPARM Antibody; anti-TTC12 antibody

PRODUCT SPECIFICATIONS

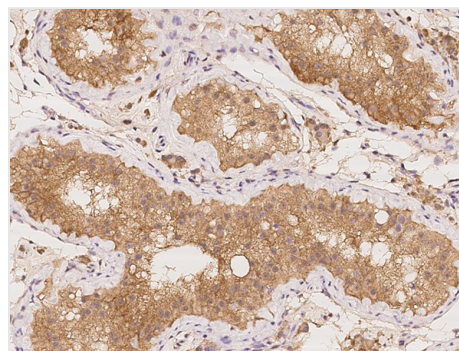
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TTC12
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-TTC12 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human TTC12 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human TTC12 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 TTC12 in human rectum with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human TTC12 in human testis with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-TTC12 antibody	The TTC12 gene encodes a protein containing several domains known to mediate protein-protein interactions and the assembly of multiprotein complexes. TTC12 is believed to play a role in the assembly of dynein arms in motile cilia in both human respiratory cells and sperm flagella. TTC12 (also called TPARM) protein is predicted to be cytoplasmic, contains a tetratricopeptide repeat domain and 3 armadillo repeat domains, and shares 75.4% identity with mouse Ttc12. TTC12 is a 75-kD cytoplasmic protein within ciliated cells, with expression in both airway epithelial cells and testes. TTC12 is not a structural component of the axoneme.
References	Thomas L, et al. (2020) Ttc12 loss-of-function mutations cause primary ciliary dyskinesia and unveil distinct dynein assembly mechanisms in motile cilia versus flagella. Am J Hum Genet 106 (2): 153-169.Katoh M, et al. (2003) Identification and characterization of tparm gene in silico. Int J Oncol 23 (4): 1213-1217.

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/ttc12-antibody-immunohistochemistry-elisa/256916>