

Rabbit anti-Human RITA1 Polyclonal Antibody | anti-RITA1 antibody

Anti-RITA1 Antibody, Rabbit Polyclonal

CATALOG # AAA256862	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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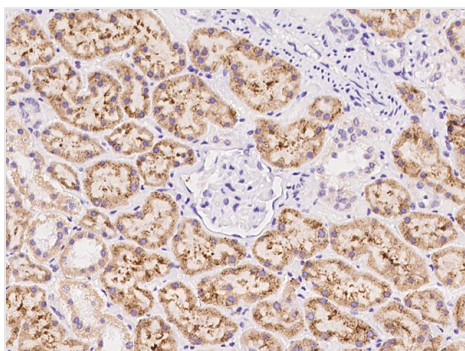
PRODUCT SYNONYMS

RITA1; Polyclonal Antibody; Anti-RITA1 Antibody; Rabbit Polyclonal; RITA1/C12orf52 Antibody; Rabbit PAb; Antigen Affinity Purified; RBPJ interacting and tubulin associated 1; Anti-C12orf52 Antibody; Anti-RITA Antibody; anti-RITA1 antibody

PRODUCT SPECIFICATIONS

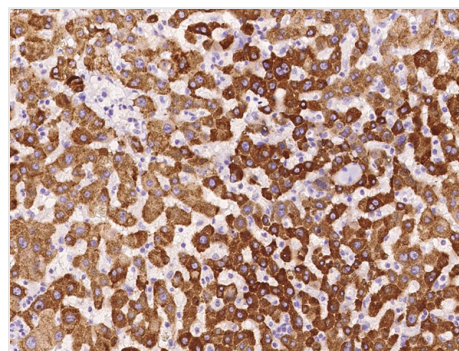
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RITA1/C12orf52
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-RITA1 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human RITA1/C12orf52 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human RITA1/C12orf52 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 RITA1 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human RITA1 in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-RITA1 antibody	RITA1 (RBPJ Interacting And Tubulin Associated 1) is a Protein Coding gene. The RITA1 gene, located on 12q24.13, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, and frog. RITA1 has been identified as a negative modulator of the Notch pathway and as a microtubule-associated protein important for cell migration and invasion. RITA1 shuttles between the cytoplasm and the nucleus and mediates the nuclear export of RBPJ/RBPSUH, thereby preventing the interaction between RBPJ/RBPSUH and NICD product of Notch proteins (Notch intracellular domain), leading to down-regulate Notch-mediated transcription. RITA1 is widely expressed in the kidney, liver, and other tissues. Diseases associated with RITA1 include Anus Cancer. 148 organisms have orthologs with the human gene RITA1.
Product Categories/Family for anti-RITA1 antibody	Notch Pathway
References	Wildner JM, et al. (2019) Rita is expressed in trophoblastic cells and is involved in differentiation processes of the placenta. Cells 8 (12): 1484.Kreis NN, et al. (2019) Potential involvement of rita in the activation of aurora a at spindle poles during mitosis. Oncogene 38 (22): 4199-4214.Hoock SC, et al. (2019) Rita modulates cell migration and invasion by affecting focal adhesion dynamics. Mol Oncol 13 (10): 2121-2141.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/rita1-antibody-immunohistochemistry-elisa/256862>