

Rabbit anti-Human HTATIP2 Polyclonal Antibody | anti-HTATIP2 antibody

Anti-HTATIP2 Antibody, Rabbit Polyclonal

CATALOG # AAA256446	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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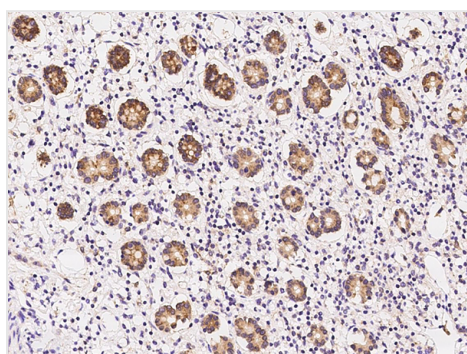
PRODUCT SYNONYMS

HTATIP2; Polyclonal Antibody; Anti-HTATIP2 Antibody; Rabbit Polyclonal; HTATIP2 Antibody; Rabbit PAb; Antigen Affinity Purified; HIV-1 Tat interactive protein 2; Anti-CC3 Antibody; Anti-SDR44U1 Antibody; Anti-TIP30 Antibody; anti-HTATIP2 antibody

PRODUCT SPECIFICATIONS

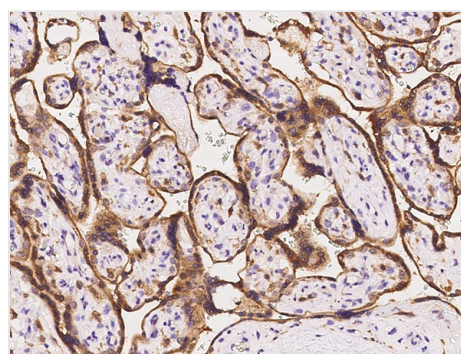
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human HTATIP2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-HTATIP2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human HTATIP2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human HTATIP2 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



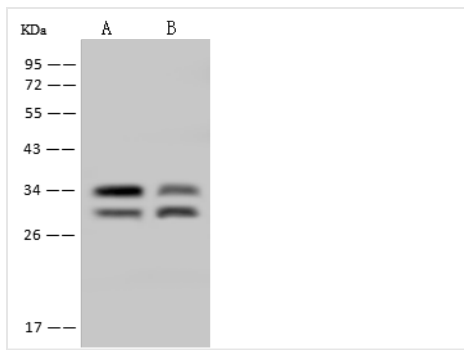
IHC (Immunohistochemistry)

Immunochemical staining of human HTATIP2 in human small intestine with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human HTATIP2 in human placenta with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-HTATIP2 rabbit polyclonal antibody at 1:500 dilution
 Lane A: A549 Whole Cell Lysate
 Lane B: SW480 Whole Cell Lysate
 Lysates/proteins at 30 ug per lane.
 Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.
 Developed using the ECL technique.
 Performed under reducing conditions.
 Predicted band size: 27 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-HTATIP2 antibody

TIP30, also known as CC3 and Htatip2, is a putative metastasis suppressor that promotes apoptosis and inhibits angiogenesis. HTATIP2 is a novel tumor suppressor gene, which is frequently silenced by epigenetic mechanisms in many cancers. Loss of HTATIP2 expression was a frequent event in glioma and is associated with poor prognosis. Promoter methylation may be an underlying mechanism. The decreased or absent expression of HTATIP2 is associated with increased susceptibility to tumorigenesis and enhanced tumor invasion and metastasis. TIP30 blocks nuclear import of the mRNA-binding protein HuR and thereby promotes the cytoplasmic accumulation of HuR by binding to importin-beta, which is known to facilitate the cytoplasm-to nuclear transport of HuR. Accumulation of HuR in the cytoplasm, in turn, enhances the expression of the transcription factor p53, a tumor suppressor that plays an essential role in preserving genome stability and inhibiting cancer growth.

References

Li M, et al. (2020) Absence of htatip2 expression in a549 lung adenocarcinoma cells promotes tumor plasticity in response to hypoxic stress. *Cancers (Basel)* 12 (6): 1538.
 Lee SH, et al. (2012) Tip30 directly binds p53 tumor suppressor protein in vitro. *Mol Cells* 34 (5): 495-500.
 Dong X, et al. (2015) Downregulation of htatip2 expression is associated with promoter methylation and poor prognosis in glioma. *Exp Mol Pathol* 98 (2): 192-199.

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/htatip2-antibody-immunohistochemistry-western-blot-elisa/256446>