

Rabbit anti-Human TIMM17A Polyclonal Antibody | anti-TIMM17A antibody

Anti-TIMM17A Antibody, Rabbit Polyclonal

CATALOG # AAA256298	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
-------------------------------	-----------------------	----------------------------	--

PRODUCT SYNONYMS

TIMM17A; Polyclonal Antibody; Anti-TIMM17A Antibody; Rabbit Polyclonal; TIMM17A Antibody; Rabbit PAb; Antigen Affinity Purified; translocase of inner mitochondrial membrane 17 homolog A (yeast); Anti-TIM17 Antibody; Anti-TIM17A Antibody; anti-TIMM17A antibody

PRODUCT SPECIFICATIONS

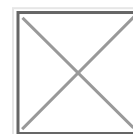
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TIMM17A
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-TIMM17A antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human TIMM17A fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human TIMM17A 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



IP (Immunoprecipitation)

TIMM17A was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate 4 uL anti-TIMM17A rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-TIMM17A rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 18 kDa. Observed band size: 18 kDa.



WB (Western Blot)

Anti-TIMM17A rabbit polyclonal antibody at 1:500 dilution. Lane A: HeLa Whole Cell Lysate. Lane B: K562 Whole Cell Lysate. Lane C: U-251 MG 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: 18 kDa. Observed band size: 18 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TIMM17A antibody	The mitochondrial protein, translocase of inner mitochondrial membrane 17 homolog A (TIMM17A) contributes to a pre-protein import complex, essential for mitochondrial function. TIMM17A has been identified as a biomarker of breast cancer. miR-133b plays a critical role in breast cancer cell metastasis by targeting TIMM17A. A decrease of TIMM17A expression is associated with the reduction of the aggressiveness of breast cancer cells. TIMM17A, therefore, has potential in the prognosis and treatment of breast cancer. TIMM17A mRNA expression is significantly associated with unfavorable pathological parameters including tumor grade, nodal positivity, TNM stage, and NPI; in addition to adverse clinical outcomes such as progressive disease, disease-free, and overall survival. TIMM17A offers utility as a prognostic marker and a novel mitochondrial target for potential therapeutic strategies.
References	Yang X, et al. (2016) The impact of timm17a on aggressiveness of human breast cancer cells. Anticancer Res 36 (3): 1237-1241.Salhab M, et al. (2012) High timm17a expression is associated with adverse pathological and clinical outcomes in human breast cancer. Breast Cancer 19 (2): 153-160.Li X, et al. (2019) Lncrna neat1 silenced mir-133b promotes migration and invasion of breast cancer cells. Int J Mol Sci 20 (15): 3616.

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://stage.aaabiotech.com/polyclonal/timm17a-antibody-immunoprecipitation-western-blot-elisa/256298>