

Rabbit anti-Human TPD52L2 Polyclonal Antibody | anti-TPD52L2 antibody

Anti-TPD52L2 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259003	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

TPD52L2; Polyclonal Antibody; Anti-TPD52L2 Antibody; Rabbit Polyclonal; tumor protein D52-like 2; Anti-D54 Antibody; Anti-TPD54 Antibody; anti-TPD52L2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TPD52L2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-TPD52L2 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E coli-derived Human TPD52L2 fragment
Preparation	Produced in rabbits immunized with E coli-derived Human TPD52L2 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. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-TPD52L2 rabbit polyclonal antibody at 1:500 dilution Lane A: HeLa Whole Cell Lysate Lane B: 293T 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: 22 kDa Observed band size: 28 kDa (We are unsure as to the identity of these extra bands).



IF (Immunofluorescence)

Immunofluorescence staining of TPD52L2 in PC-3 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human TPD52L2 polyclonal antibody (dilution ratio 1:100) at 4° overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



IP (Immunoprecipitation)

TPD52L2 was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate Lane B: 0.5 mg 293T Whole Cell Lysate 4 µL anti-TPD52L2 rabbit polyclonal antibody and 60 µg of Immunomagnetic beads Protein A/G. Primary antibody: Anti-TPD52L2 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: 22 kDa Observed band size: 28 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-TPD52L2 antibody

Tumor protein D52-like 2 (TPD52L2, also known as hD54 in previous studies) is one member of the TPD52 family, which has been shown to function in mediating cell proliferation, apoptosis, and vehicle trafficking. TPD52 was originally identified in human breast carcinoma. TPD52L2 and its family members form homo- and heteromeric complexes essential for cell proliferation in multiple human cancers. TPD52L2 is involved in cell migration and attachment in oral squamous cell carcinoma (OSCC). TPD52L2 plays an essential role in the growth of breast cancer cells, which may contribute to providing gene therapy for breast cancer treatment. TPD52L2 might promote gastric carcinogenesis, and could be a promising target for developing new therapeutic strategies to treat gastric cancer.

References

(2017) Retraction of: Tumor protein d52-like 2 contributes to proliferation of breast cancer cells; 10.1089/cbr.2014.1723. Cancer Biother Radiopharm 32 (10): 387. (2016) Retracted: Knockdown of tumor protein d52-like 2 induces cell growth inhibition and apoptosis in oral squamous cell carcinoma. Cell Biol Int 40 (3): 361. (2016) Lentivirus-mediated tpd52l2 depletion inhibits the proliferation of liver cancer cells in vitro [retraction]. Int J Clin Exp Med 9 (6): 12416.

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://stage.aaabiotech.com/polyclonal/tpd52l2-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/259003>