

Rabbit anti-Human PPP2R5E Polyclonal Antibody | anti-PPP2R5E antibody

Anti-PPP2R5E Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256035	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PPP2R5E; Polyclonal Antibody; Anti-PPP2R5E Antibody; Rabbit Polyclonal; PPP2R5E Antibody; Rabbit PAb; Antigen Affinity Purified; protein phosphatase 2; regulatory subunit B'; epsilon isoform; anti-PPP2R5E antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PPP2R5E
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PPP2R5E antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human PPP2R5E fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human PPP2R5E 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)

PPP2R5E was immunoprecipitated using: Lane A: 0.5 mg 293 Whole Cell Lysate 4 uL anti-PPP2R5E rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-PPP2R5E rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 55 kDa. Observed band size: 53 kDa.



IHC (Immunohistochemistry)

Immunochemical staining of human PPP2R5E in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-PPP2R5E rabbit polyclonal antibody at 1:500 dilution Lane A: HeLa Whole Cell Lysate Lane B: 293 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: 55 kDa Observed band size: 53 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PPP2R5E antibody	Single nucleotide polymorphism in B56epsilon (PPP2R5E), a B56 family regulatory subunit of PP2A, is associated with human soft tissue sarcoma. This raises the possibility that B56epsilon is involved in tumorigenesis and plays important role in regulating apoptosis. The PPP2R5E gene is identified as harboring genetic variants that can affect human cancer and are possibly under evolutionary selection pressure. PPP2R5E is downregulated by miR-23a and induces cell growth inhibition and apoptosis in gastric cancer cells. PPP2R5E is identified as a new target of miR-23a, and overexpression of PPP2R5E reversed the negative effects of miR-23a. PPP2R5E interacts with MTCL1. Depletion of PPP2R5E reduced the abundance of MTCL1 abundance, whereas exogenous expression of PPP2R5E increased endogenous MTCL1. The PPP2R5E phosphatase may contribute to microtubule organization by stabilizing MTCL1.
References	Liu X, et al. (2014) Downregulation of ppp2r5e expression by mir-23a suppresses apoptosis to facilitate the growth of gastric cancer cells. FEBS Lett 588 (17): 3160-3169. Jin Z, et al. (2010) Pp2a:B56{epsilon}, a substrate of caspase-3, regulates p53-dependent and p53-independent apoptosis during development. J Biol Chem 285 (45): 34493-34502. Hyodo T, et al. (2016) A regulatory subunit of protein phosphatase 2a, ppp2r5e, regulates the abundance of microtubule crosslinking factor 1. Febs j 283 (19): 3662-3671. Grochola LF, et al. (2009) Recent natural selection identifies a genetic variant in a regulatory subunit of protein phosphatase 2a that associates with altered cancer risk and survival. Clin Cancer Res 15 (19): 6301-6308.

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/ppp2r5e-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/256035>