

Rabbit anti-Human PPP1R18 Polyclonal Antibody | anti-PPP1R18 antibody

Anti-PPP1R18 Antibody, Rabbit Polyclonal

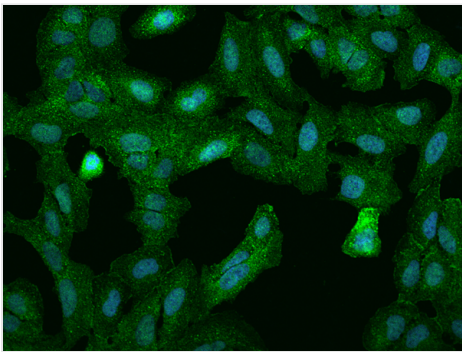
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256183	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

PPP1R18; Polyclonal Antibody; Anti-PPP1R18 Antibody; Rabbit Polyclonal; PPP1R18 Antibody; Rabbit PAb; Antigen Affinity Purified; protein phosphatase 1; regulatory subunit 18; Anti-HKMT1098 Antibody; Anti-KIAA1949 Antibody; anti-PPP1R18 antibody

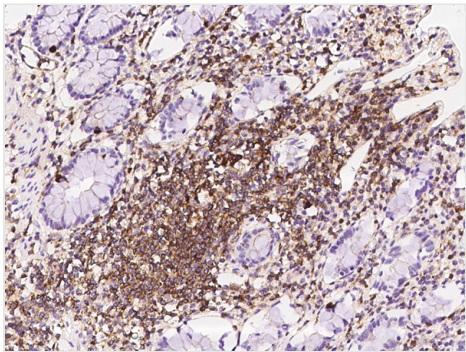
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PPP1R18
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PPP1R18 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human PPP1R18 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human PPP1R18 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.



IF (Immunofluorescence)

Immunofluorescence staining of PPP1R18 in U2OS cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with rabbit anti-Human PPP1R18 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Nucleus and Cytoplasm and cell membrane.



IHC (Immunohistochemistry)

Immunochemical staining of human PPP1R18 in human rectum with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1R18 antibody	PPP1R18 (Protein Phosphatase 1 Regulatory Subunit 18) is a Protein Coding gene. The PPP1R18 gene, located on 6p21.33, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, and rat. Protein phosphatase-1 (PP1) interacts with regulatory subunits that target the enzyme to different cellular locations and change its activity toward specific substrates. Phostensin is a regulatory subunit that targets PP1 to F-actin cytoskeleton. PPP1R18 is widely expressed in the lymph node, appendix, and other tissues. PPP1R18 likely plays a role in podosome organization and bone resorption. Diseases associated with PPP1R18 include Deafness, Autosomal Recessive 79. 148 organisms have orthologs with the human gene PPP1R18.
References	Matsubara T, et al. (2018) The actin-binding protein ppp1r18 regulates maturation, actin organization, and bone resorption activity of osteoclasts. Mol Cell Biol 38 (4): e00425-17. Lin YS, et al. (2014) Identification of the high molecular weight isoform of phostensin. Int J Mol Sci 15 (1): 1068-1079. Lai NS, et al. (2009) Phostensin caps to the pointed end of actin filaments and modulates actin dynamics. Biochem Biophys Res Commun 387 (4): 676-681.

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/ppp1r18-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/256183>