

Rabbit anti-Human PFTK1 Polyclonal Antibody | anti-CDK14 antibody

Anti-PFTK1 Antibody, Rabbit Polyclonal

CATALOG # AAA256805	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

PFTK1; Polyclonal Antibody; Anti-PFTK1 Antibody; Rabbit Polyclonal; PFTK1/CDK14 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-PFTAIRE1 Antibody; anti-CDK14 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PFTK1/CDK14
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CDK14 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human PFTK1/CDK14 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human PFTK1/CDK14 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 PFTK1 in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human PFTK1 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-CDK14 antibody	Cyclin-dependent kinases (CDKs) are perceived as the engine that drives cell cycle progression whereas cyclins are considered to be the gears that are changed to aid the transition between cycle phases. Cyclin-dependent kinase 14 (CDK14) is a cdc2-related serine/threonine protein kinase and plays an important role in normal cell cycle progression. CDK14 and other TAIRE family kinases (CDKs 15-18) are frequent off-targets of clinical kinase inhibitors. CDK14 has significant involvement in tumorigenesis of cancers including hepatocellular carcinoma, gastric carcinoma and breast cancer. In esophageal cancer, CDK14 is useful as a prognostic marker and as a predictor of response to chemotherapy.
References	Li Q, et al. (2018) Microrna-613 impedes the proliferation and invasion of glioma cells by targeting cyclin-dependent kinase 14. Biomed Pharmacother 98 636-642.Duan C, et al. (2015) Cdk14 contributes to reactive gliosis via interaction with cyclin y in rat model of spinal cord injury. J Mol Neurosci 57 (4): 571-579.Chen L, et al. (2019) Cdk14 involvement in proliferation migration and invasion of esophageal cancer. Ann Transl Med 7 (22): 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pftk1-antibody-immunohistochemistry-elisa/256805>