

Rabbit anti-Human KIAA0101 Polyclonal Antibody | anti-PCLAF antibody

Anti-KIAA0101 Antibody, Rabbit Polyclonal

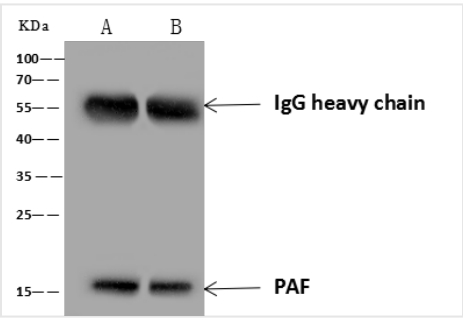
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257525	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

KIAA0101; Polyclonal Antibody; Anti-KIAA0101 Antibody; Rabbit Polyclonal; KIAA0101/PCLAF Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-L5 Antibody; Anti-NS5ATP9 Antibody; Anti-OEATC Antibody; Anti-OEATC-1 Antibody; Anti-OEATC1 Antibody; Anti-p15(PAF) Antibody; Anti-p15/PAF Antibody; Anti-p15PAF Antibody; Anti-PAF Antibody; Anti-PAF15 Antibody; anti-PCLAF antibody

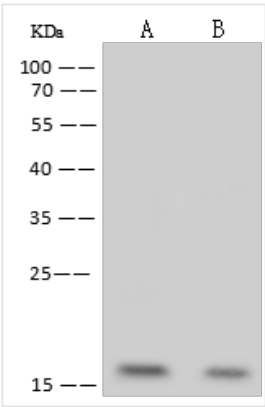
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human KIAA0101/PCLAF
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. 0.2um filtered solution in PBS
Applicable Applications for anti-PCLAF antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human KIAA0101/PCLAF Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human KIAA0101/PCLAF (rh KIAA0101/PCLAF; NP_055551.1; Met1-Glu111). KIAA0101/PCLAF specific IgG was purified by Human KIAA0101/PCLAF 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. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.



IP (Immunoprecipitation)

PAF was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate Lane B: 0.5 mg HeLa Whole Cell Lysate 4 uL anti- PAF rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti- PAF 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: 16 kDa Observed band size: 16 kDa



WB (Western Blot)

Anti-KIAA0101 rabbit polyclonal antibody at 1:200 dilution Lane A: HepG2 Whole Cell Lysate Lane B: HeLa 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: 16 kDa Observed band size: 16 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PCLAF antibody	Background: KIAA11, also known as p15(PAF), is a proliferating cell nuclear antigen-associated factor that interacts with proliferating cell nuclear antigen(PCNA). It was initially isolated in a yeast two-hybrid screen for PCNA binding partners and was shown to bind PCNA competitively with the cell cycle regulator p21(WAF). KIAA11 is localized primarily in the nucleus. It shares the conserved PCNA binding motif with several other PCNA binding proteins including CDK inhibitor p21. KIAA11 is involved in cell proliferation and plays a role in early tumor recurrence (ETR), and prognosis of hepatocellular carcinoma (HCC). KIAA11 is expressed predominantly in the liver, pancreas, and placenta. It cannot be detected in the heart or brain. It is highly expressed in some tumors, especially esophageal tumors, in anaplastic thyroid carcinomas, and non-small-cell lung cancer lines. Overexpression of KIAA11 predicts high stage, early tumor recurrence, and poor prognosis of hepatocellular carcinoma. It also may be involved in the protection of cells from UV-induced cell death.
Product Categories/Family for anti-PCLAF antibody	Cancer Drug Targets
References	Yu P, et al. (2001) p15(PAF), a novel PCNA associated factor with increased expression in tumor tissues. Oncogene. 20 (4): 484-9.Simpson F, et al. (2005) The PCNA-associated factor KIAA0101/p15(PAF) binds the potential tumor suppressor product p33ING1b. Exp Cell Res. 312 (1): 73-85.Guo M, et al. (2006) KIAA0101 (OEACT-1), an expressionally down-regulated and growth-inhibitory gene in human hepatocellular carcinoma. BMC Cancer. 6: 109.Nagase T, et al. (1995) Prediction of the coding sequences of unidentified human genes. III. The coding sequences of 40 new genes (KIAA0081-KIAA0120) deduced by analysis of cDNA clones from human cell line KG-1. DNA Res. 2 (1): 37-43.

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.