

KIAA0101 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3328a

Specification

KIAA0101 Antibody (internal region) - Product Information

Application	Pep-ELISA
Primary Accession	Q15004
Other Accession	NP_055551.1 , 9768
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	11986

KIAA0101 Antibody (internal region) - Additional Information

Gene ID 9768

Other Names

PCNA-associated factor, Hepatitis C virus NS5A-transactivated protein 9, HCV NS5A-transactivated protein 9, Overexpressed in anaplastic thyroid carcinoma 1, OEATC-1, PCNA-associated factor of 15 kDa, PAF15, p15PAF, KIAA0101, NS5ATP9, PAF

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

KIAA0101 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

KIAA0101 Antibody (internal region) - Protein Information

Name PCLAF ([HGNC:28961](#))

Synonyms KIAA0101, NS5ATP9, PAF

Function

PCNA-binding protein that acts as a regulator of DNA repair during DNA replication. Following DNA damage, the interaction with PCNA is disrupted, facilitating the interaction between monoubiquitinated PCNA and the translesion DNA synthesis DNA polymerase eta (POLH) at stalled replisomes, facilitating the bypass of replication-fork- blocking lesions. Also acts as a regulator of

centrosome number.

Cellular Location

Nucleus. Cytoplasm, perinuclear region. Note=Following DNA damage, localizes to DNA damage sites (PubMed:21628590). Colocalizes with centrosomes in perinuclear region (PubMed:21673012)

Tissue Location

Expressed predominantly in liver, pancreas and placenta. Not detected in heart or brain. Highly expressed in a number of tumors, especially esophageal tumors, in anaplastic thyroid carcinomas, adrenocortical carcinomas, and in non-small-cell lung cancer lines.

KIAA0101 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KIAA0101 Antibody (internal region) - Images

KIAA0101 Antibody (internal region) - Background

This antibody is expected to recognize isoform 1 (NP_055551.1) only.

KIAA0101 Antibody (internal region) - References

ATF3 and p15PAF are novel gatekeepers of genomic integrity upon UV stress. Turchi L, Fareh M, Aberdam E, Kitajima S, Simpson F, Wicking C, Aberdam D, Virolle T, Cell death and differentiation 2009 May 16 (5): 728-37. PMID: 19219066