



## Rabbit Anti-PAF1 antibody

SL21001R

<b>Product Name:</b>	PAF1
<b>Chinese Name:</b>	RNA聚合酶II相关因子PAF1抗体
<b>Alias:</b>	F23149 1; FLJ11123; hPAF1; PAF 1; PAF1; Paf1 RNA polymerase II associated factor homolog; PAF1_HUMAN; Pancreatic differentiation protein 2; PD 2; PD2; PD2 protein; RNA polymerase II associated factor homolog; RNA polymerase II-associated factor 1 homolog.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	60kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human PAF1:251-350/531
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene encodes a subunit of the polymerase associated factor (PAF1) complex. The PAF1 complex interacts with RNA polymerase II and plays a role in transcription elongation as well as histone modifications including ubiquitylation and methylation. Alternatively spliced transcript variants encoding multiple isoforms have been observed

for this gene. [provided by RefSeq, Feb 2012]

**Function:**

The mammalian PAF1 complex is a multifunctional complex. The PAF1 complex interacts with RNA polymerase II and may be involved in both initiation and elongation, and in histone methylation and RNA processing. Has oncogenic activity in vivo and in vitro.

**Subcellular Location:**

Nucleus. Punctuate distribution throughout the nucleus except in nucleoli and the perinuclear chromatin.

**Similarity:**

Belongs to the PAF1 family.

**SWISS:**

Q8N7H5

**Gene ID:**

54623

**Database links:**

[Entrez Gene: 54623](#) Human

[Entrez Gene: 54624](#) Mouse

[Entrez Gene: 361531](#) Rat

[Entrez Gene: 446278](#) Xenopus laevis

[Omim: 610506](#) Human

[SwissProt: Q8N7H5](#) Human

[SwissProt: Q8K2T8](#) Mouse

[SwissProt: Q4V886](#) Rat

[SwissProt: A2BD83](#) Xenopus laevis

[Unigene: 466714](#) Human

[Unigene: 7916](#) Mouse

[Unigene: 161558](#) Rat

[Unigene: 29705](#) Xenopus laevis

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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