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PCIF1 Polyclonal Antibody

catalog number: E-AB-92399

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human PCIF1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:100
IP	1:50-1:200

Data





Western blot analysis of extracts of various cell lines using PCIF1 Polyclonal Antibody at 1:1000 dilution.

Observed-MW:Refer to figures Calculated-MW:80 kDa



Immunohistochemistry of paraffin-embedded mouse spinal cord using PCIF1 Polyclonal Antibody at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM

Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Immunohistochemistry of paraffin-embedded rat brain using PCIF1 Polyclonal Antibody at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunoprecipitation analysis of 200ug extracts of Jurkat cells using 3ug PCIF1 Polyclonal Antibody. Western blot was performed from the immunoprecipitate using PCIF1 Polyclonal Antibody at a dilution of 1:1000.

> Observed-MW:Refer to figures Calculated-MW:80 kDa

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the
	temperature recommended.

For Research Use Only

Toll-free: 1-888-852-8623 Web:<u>www.elabscience.com</u>

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Background

Cap-specific adenosine methyltransferase that catalyzes formation of N(6,2'-O-dimethyladenosine cap (m6A(m by methylating the adenosine at the second transcribed position of capped mRNAs. Recruited to the early elongation complex of RNA polymerase II (RNAPII via interaction with POLR2A and mediates formation of m6A(m co-transcriptionally.

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