

For Research Use Only

PIPPIN Polyclonal antibody

Catalog Number: 25013-1-AP



Basic Information

Catalog Number:

25013-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 493 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16216

GenBank Accession Number:

BC067113

GeneID (NCBI):

27254

UNIPROT ID:

Q9Y534

Full Name:

cold shock domain containing C2, RNA binding

Calculated MW:

153 aa, 17 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse brain tissue,

IHC : human kidney tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

PIPPIN, also known as CSDC2 (Cold shock domain-containing protein C2) is an RNA-binding protein (RBP), highly enriched in the rat brain, specifically enriched in some pyramidal neurons of the cerebral cortex and in the Purkinje cells of the cerebellum (PMID: 10446180). PIPPIIN has the potential to undergo different posttranslational modifications and might be a good candidate to regulate the synthesis of specific proteins in response to extracellular stimuli. Nuclear CSDC2 is connected to proliferation and cytoplasmic CSDC2 to terminal differentiation in the decidua and that CSDC2 could regulate differentiation during decidua development (PMID: 30078185, PMID: 17053029).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

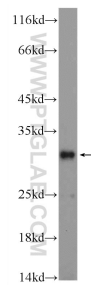
For technical support and original validation data for this product please contact:

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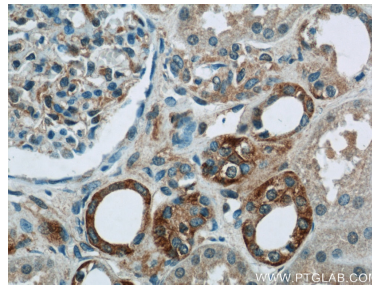
E: proteintech@ptglab.com
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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 25013-1-AP (PIPPIN antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 25013-1-AP (PIPPIN antibody at dilution of 1:50 (under 40x lens).