

For Research Use Only

CRNN Polyclonal ANTIBODY



Catalog Number: 11799-1-AP

3 Publications

Basic Information

Catalog Number:
11799-1-AP

Size:
32 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG2374

GenBank Accession Number:
BC030807

GeneID (NCBI):
49860

Full Name:
comulin

Calculated MW:
495aa, 54 kDa

Observed MW:
70 kDa, 58 kDa

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:20-1:200

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

human, mouse

Cited Species:

human

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

Positive Controls:

WB : mouse brain tissue; HepG2 cells

IHC : human oesophagus tissue; human cervical cancer tissue, human skin tissue

Background Information

Comulin, also known as C1orf10, is a member of the "used gene" family of proteins, which contain N-terminus EF-hand domains and multiple tandem peptide repeats. It may play a role in the mucosal/epithelial immune response and epidermal differentiation. Specific to squamous epithelia cells, comulin is expressed in esophagus, primary keratinocytes, scalp skin, foreskin, cervix, larynx, and fetal bladder. It may be a marker of late epidermal differentiation, and is down-regulated in eczema.

Notable Publications

Author	Pubmed ID	Journal	Application
Iman Salahshourifar	25846277	Clin Oral Investig	IHC
Hsu Po-Kuei PK	24263008	J Thorac Cardiovasc Surg	IHC
Katada Koji K	22245045	J Proteomics	WB,IHC

Storage

Storage:

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

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

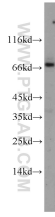
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

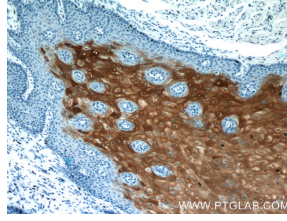
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W: ptglab.com

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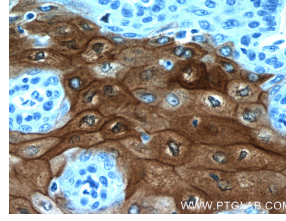
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 11799-1-AP1(CRNN antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours



Immunohistochemistry of paraffin-embedded human oesophagus tissue slide using 11799-1-AP1 CRNN Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieved with Citric acid buffer, pH6.0



Immunohistochemistry of paraffin-embedded human oesophagus tissue slide using 11799-1-AP1 CRNN Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieved with Citric acid buffer, pH6.0