

CRNN Polyclonal Antibody

Catalog number: 11799-1-AP

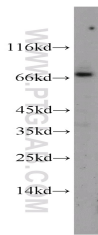
Size: 32 µg/150 µl

Source: Rabbit

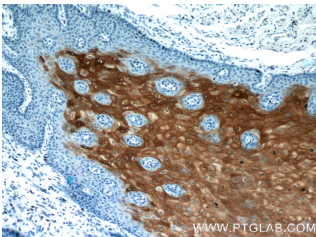
Isotype: IgG

Synonyms:

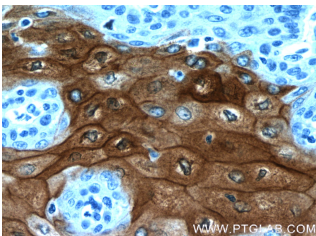
CRNN; 58 kDa heat shock protein, C1orf10, cornulin, CRNN, DRC1, PDRC1, SEP53, Tumor related protein



mouse brain tissue were subjected to SDS PAGE followed by western blot with 11799-1-AP(CRNN antibody) at dilution of 1:300



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

Background

Cornulin, also known as C1orf10, is a member of the "fused 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, cornulin 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.

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IHC, WB
Species specificity:	Human, Mouse; other species not tested.
Cited species:	Human
Calculated CRNN MW:	495aa, 54 kDa
Observed CRNN MW:	70 kDa, 58 kDa
Positive WB detected in	Mouse brain tissue, HepG2 cells
Positive IHC detected in	Human oesophagus tissue, human cervical cancer tissue, human skin tissue
Recommended dilution:	WB: 1:200-1:1000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2374
GenBank accession number:	BC030807
Gene ID (NCBI):	49860
Full name:	Cornulin

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.