

# CA8-2

Uniprot ID: [P35219](#)

Protein name: CAH8\_HUMAN

Full name: Carbonic anhydrase-related protein

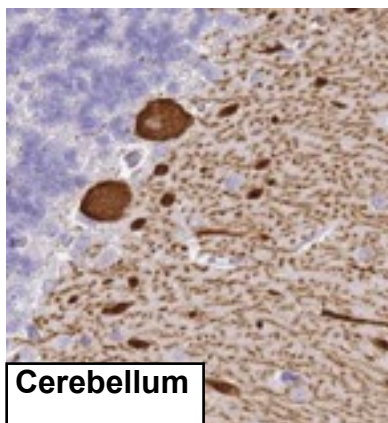
Protein existence: evidence at protein level

Function: Does not have a carbonic anhydrase catalytic activity.

Two antibodies: CA8-1 and CA8-2 were tested. Both antibodies were approved for IHC. CA8-2 was selected for full protein profiling.

## CA8-2 (CAB047309)

OK



### Immunohistochemistry

IHC protocol: HIER pH 6, Dilution 1:40000

IHC test staining: Strong cytoplasmic staining of cerebellum.

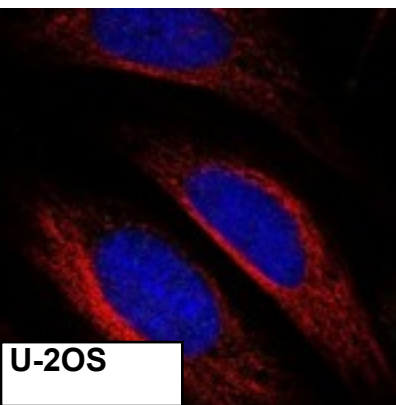
### IHC Annotators comments

Purkinje cells and neuropil of cerebellum showed distinct cytoplasmic positivity. Remaining normal tissues were negative.

### Immunofluorescence

IF Overlay: antibody (green), anti-tubuline (red) and DAPI (blue)

IF Localisation: No staining was observed in any of the three cell lines



### Western blot

WB Size markers (kDa): 250, 130, 95, 72, 55, 36, 28, 17, 11

WB Lanes: Marker(1), RT-4(2), U251 MG(3), Plasma(4), Liver(5), Tonsil(6)

WB Target weight (kDa): 33

WB Validation: Supportive - Band of predicted size in kDa (+/-20%) with additional bands present.

