

For Research Use Only

C1QL1 Polyclonal antibody

Catalog Number: 15757-1-AP



Basic Information

Catalog Number: 15757-1-AP	GenBank Accession Number: BC008798	Purification Method: Antigen affinity purification
Size: 400 µg/ml	GeneID (NCBI): 10882	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: O75973	
Isotype: IgG	Full Name: complement component 1, q subcomponent-like 1	
Immunogen Catalog Number: AG8348	Calculated MW: 258 aa, 26 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications: IF-P, IHC, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB: mouse brain tissue, rat brain tissue
Note-IHC: <i>suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</i>	IHC: mouse cerebellum tissue,
	IF: mouse cerebellum tissue,

Background Information

C1QL1 (complement component 1, q subcomponent-like 1) is one of the C1q/tumor-necrosis-factor-related protein (CTRP) family members. C1QL1 is synthesized and secreted mainly by the brain and adipose tissues. It is implicated in synapse formation or elimination in cultured hippocampal neurons in vitro.

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

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

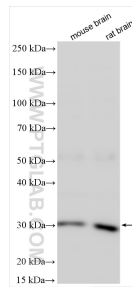
T: 4006900926

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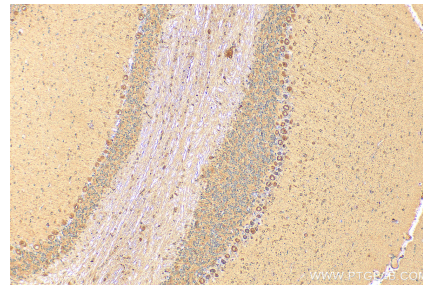
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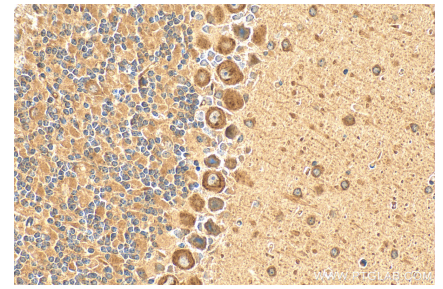
Selected Validation Data



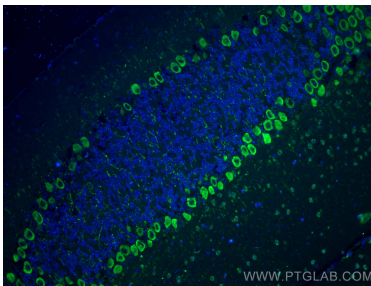
Various lysates were subjected to SDS PAGE followed by western blot with 15757-1-AP (C1QL1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 15757-1-AP (C1QL1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 15757-1-AP (C1QL1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse cerebellum tissue using C1QL1 antibody (15757-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).