

For Research Use Only

WBSCR17 Polyclonal antibody, PBS Only

Catalog Number: 21280-1-PBS



Basic Information

Catalog Number:

21280-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15792

GenBank Accession Number:

BC069624

GeneID (NCBI):

64409

UNIPROT ID:

Q6IS24

Full Name:

Williams-Beuren syndrome chromosome region 17

Calculated MW:

598 aa, 68 kDa

Observed MW:

70-90 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

WBSCR17, also known as GALNT17, which encodes a brain-expressed N-acetylgalactosaminyl transferase (GalNAcT), is located at the distal edge of a region that is commonly deleted or duplicated in Williams Beuren Syndrome (WBS), a developmental disorder with motor and coordination problems, impaired visuospatial memory, and abnormal social interaction (PMID: 31554716). WBSCR17 loss-of-function has significant effects on cerebellar development, and is associated with phenotypes including developmental delay, deficits in motor coordination, reduced exploratory activity, and impaired social behavior (PMID: 22787146). With the calculated molecular mass of recombinant WBSCR17 being 68 kDa, the 70-90-kDa glycoproteins could also be detected due to post-translational modifications (PMID: 22787146).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

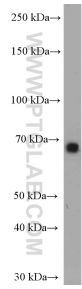
T: 4006900926

E: Proteintech-CN@ptglab.com

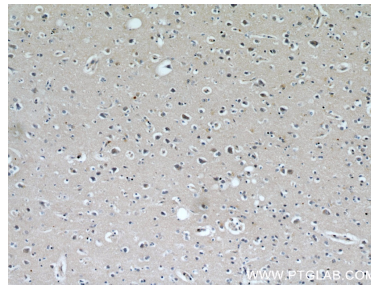
W: ptgcn.com

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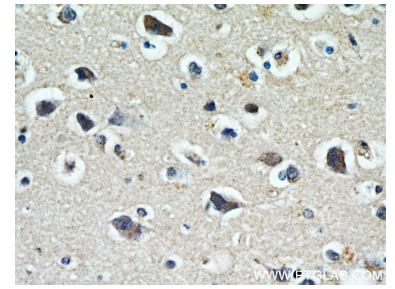
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 21280-1-AP (WBSCR17 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21280-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human brain using 21280-1-AP (WBSCR17 antibody) at dilution of 1:100 (under 10x lens). This data was developed using the same antibody clone with 21280-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human brain using 21280-1-AP (WBSCR17 antibody) at dilution of 1:100 (under 40x lens). This data was developed using the same antibody clone with 21280-1-PBS in a different storage buffer formulation.