

For Research Use Only

SEZ6L2 Polyclonal antibody

Catalog Number: 19428-1-AP



Basic Information

Catalog Number:

19428-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13760

GenBank Accession Number:

BC000567

GeneID (NCBI):

26470

UNIPROT ID:

Q6UXD5

Full Name:

seizure related 6 homolog (mouse)-like 2

Calculated MW:

910 aa, 98 kDa

Observed MW:

150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue

Background Information

Seizure 6-like protein 2 (SEZ6L2) is a type 1 transmembrane protein predominantly expressed in the brain. It belongs to the seizure-related gene 6 (SEZ6) family, which contains SEZ6, SEZ6L and SEZ6L2. SEZ6 family members have been shown to influence synapse numbers and dendritic morphology and are linked to various neurological and psychiatric disorders (PMID: 33936031). SEZ6L2 is a part of the AMPA receptor and acts as a scaffolding protein to link GluR1 to adducin (PMID: 29032200). Overexpression of SEZ6L2 has been reported in a variety of cancers, including lung cancer, hepatocellular carcinoma, thyroid carcinoma, cholangiocarcinoma (PMID: 16863507; 35117286; 35284305; 32148567). SEZ6L2 can be glycosylated and the apparent molecular weight can be raised to 150-170 kDa (PMID: 26698217; 24272587).

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:

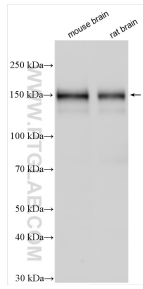
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 19428-1-AP (SEZ6L2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.