

For Research Use Only

TSPAN14 Recombinant monoclonal antibody

Catalog Number:87131-2-RR



Basic Information

Catalog Number:

87131-2-RR

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC002920

GeneID (NCBI):

81619

UNIPROT ID:

Q8NG11

Full Name:

tetraspanin 14

Calculated MW:

31 kDa

Observed MW:

31-33 kDa

Purification Method:

Protein A purification

CloneNo.:

251354F10

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : Caco-2 cells, SH-SY5Y cells, mouse brain tissue, rat brain tissue

Background Information

TSPAN14 is a membrane protein of the tetraspanin superfamily, which is characterized by the presence of four conserved transmembrane regions. Tetraspanins have been involved in diverse processes such as cell activation and proliferation, adhesion and motility, differentiation, and cancer. TSPAN14 belongs to the TSPANC8 subfamily, which also include TSPAN5, TSPAN10, TSPAN15, TSPAN17, and TSPAN33. It has been reported that TSPANC8 tetraspanins interact with ADAM10 and have a conserved function in the regulation of ADAM10 trafficking and activity, thereby positively regulating Notch receptor activation (PMID: 23091066; 23035126).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

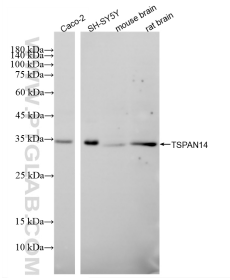
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87131-2-RR (TSPAN14 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.