

For Research Use Only

SLC6A9 / GlyT1 Polyclonal antibody, PBS Only

Catalog Number:30971-1-PBS



Basic Information

Catalog Number:

30971-1-PBS

Size:

100ug, Concentration: 1 mg/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34437

GenBank Accession Number:

NM_201649

GeneID (NCBI):

6536

UNIPROT ID:

P48067

Full Name:

solute carrier family 6
(neurotransmitter transporter,
glycine), member 9

Calculated MW:

706 aa, 78 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

SLC6A9, also named glycine transporter 1 (GlyT1), is a transporter protein of the SLC6 family of sodium- and chloride-dependent neurotransmitter transporters. GlyT1 is the main regulator of synaptic glycine concentrations, assisted by the neuronal GlyT2 (PMID: 28828604). The 55-60 kDa band is the partially glycosylated form of GlyT1 (PMID: 27874011, PMID: 8995423).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

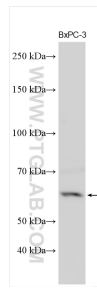
For technical support and original validation data for this product please contact:

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Selected Validation Data



BxPC-3 cells lysates were subjected to SDS PAGE followed by western blot with 30971-1-AP (SLC6A9 / GlyT1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30971-1-PBS in a different storage buffer formulation.