

For Research Use Only

Glypican 2 Polyclonal antibody

Catalog Number: 27594-1-AP



Basic Information

Catalog Number: 27594-1-AP	GenBank Accession Number: BC027972	Purification Method: Antigen affinity purification
Size: 300 ug/ml	GeneID (NCBI): 221914	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q8N158	
Isotype: IgG	Full Name: glypican 2	
Immunogen Catalog Number: AG26734	Calculated MW: 579 aa, 63 kDa	
	Observed MW: 62-67 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : unboiled mouse brain tissue, unboiled rat brain tissue
Species Specificity: mouse, rat	

Background Information

GPC2 (glypican 2), which is expected to be located in cell membrane and extracellular space. It is expressed in lymphoid tissue, skin and testis. The calculated molecular weight of the protein is 62 kDa. GPC2 is mainly active in growing nervous tissues and thyroid cancer tissues (PMID: 28616017). It participates in the growth and differentiation of neuronal axons. Increasing evidence has demonstrated the overexpression of GPC2 in neuroblastoma, a kind of childhood cancer. There is a discovery that GPC2 can be employed as a diagnostic, prognostic, and immunological predictor of generalized cancers. The study may broaden the train of thought toward application of GPC2 in immunotherapy (PMID: 35345673).

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:

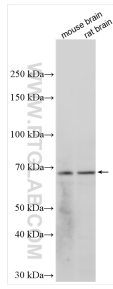
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27594-1-AP (GPC2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.