

For Research Use Only

TSPYL6 Polyclonal antibody, PBS Only

Catalog Number:33274-1-PBS



Basic Information

Catalog Number: 33274-1-PBS	GenBank Accession Number: BC068576	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 388951	
Source: Rabbit	UNIPROT ID: Q8N831	
Isotype: IgG	Full Name: TSPY-like 6	
Immunogen Catalog Number: AG38157	Calculated MW: 410 aa, 46 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

TSPYL6 (TSPY-like 6) protein is a member of the TSPY-like nucleoprotein family, and its specific physiological function has not yet been fully elucidated. However, this protein has garnered significant attention in cancer research as "an important tumor biomarker". Studies have shown that TSPYL6 is frequently overexpressed in various malignant tumors, such as breast cancer, lung cancer, colorectal cancer, and hepatocellular carcinoma. Its overexpression promotes tumor cell proliferation, invasion, and metastasis, while inhibiting apoptosis, and is closely associated with poor patient prognosis. Mechanistically, TSPYL6 is believed to exert its cancer-promoting effects by influencing cell cycle progression (e.g., promoting the G1/S phase transition) and regulating key oncogenic signaling pathways such as Wnt/ β -catenin. Therefore, TSPYL6 is not only a potential diagnostic and prognostic biomarker but also considered a potential therapeutic target for cancer.

Storage

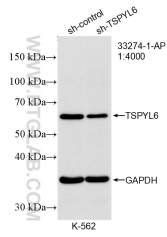
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

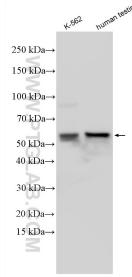
For technical support and original validation data for this product please contact:
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Selected Validation Data



WB result of TSPYL6 antibody (33274-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TSPYL6 transfected K-562 cells. This data was developed using the same antibody clone with 33274-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 33274-1-AP (TSPYL6 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33274-1-PBS in a different storage buffer formulation.