

For Research Use Only

TNKS1BP1 Polyclonal antibody, PBS Only

Catalog Number: 55323-1-PBS



Basic Information

Catalog Number: 55323-1-PBS	GenBank Accession Number: NM_033396	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 85456	
Source: Rabbit	UNIPROT ID: Q9C0C2	
Isotype: IgG	Full Name: tankyrase 1 binding protein 1, 182kDa	
	Calculated MW: 182 kDa	
	Observed MW: 182 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

TNKS1BP1, also known as TAB182, is a member of the poly(ADP-ribose) polymerase (PARP) superfamily. It is an anchor polymerase 1 (Tankyrase1) binding protein with a molecular weight of 182 kDa and is widely distributed throughout the cell, including the cell membrane, cytoplasm, and nucleus. TNKS1BP1 functions in both telomere maintenance and DNA damage response. TNKS1BP1 can compete with TRF 1 to bind to the multiple binding sites of tankyrase1, potentially interfering with the transport of tankyrase1 from cytoplasm to nucleus and its localization in telomeres, which affects the stability of telomeres (PMID: 28058814, PMID: 39019859, PMID: 39113018).

Storage

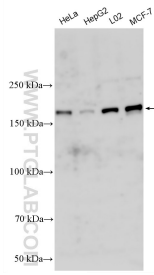
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55323-1-AP (TNKS1BP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 55323-1-PBS in a different storage buffer formulation.