

For Research Use Only

TSPAN31 Polyclonal antibody, PBS Only

Catalog Number: 21987-1-PBS



Basic Information

Catalog Number: 21987-1-PBS	GenBank Accession Number: BC010377	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6302	
Source: Rabbit	UNIPROT ID: Q12999	
Isotype: IgG	Full Name: tetraspanin 31	
Immunogen Catalog Number: AG17138	Calculated MW: 210 aa, 23 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Tetraspanin-31 (TSPAN31) belongs to the tetraspanin (TM4SF) family, also known as the transmembrane 4 (TM4) superfamily, which is a family of transmembrane proteins with 33 mammalian members. These proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth, and motility. Tetraspanin-31 is thought to be involved in growth-related cellular processes. The experimentally determined molecular mass of 30 kDa is larger than the calculated molecular mass of 23 kDa, which could be a result of post-translational modifications.

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)

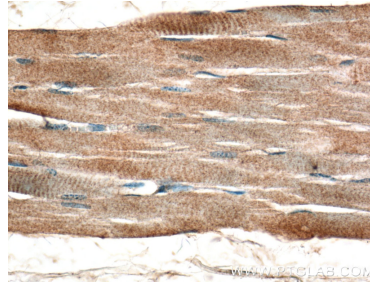
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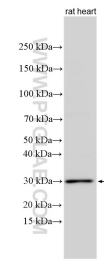
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 21987-1-AP (TSPAN31 Antibody) at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 21987-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 21987-1-AP (TSPAN31 Antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 21987-1-PBS in a different storage buffer formulation.



Rat heart tissue was subjected to SDS PAGE followed by western blot with 21987-1-AP (TSPAN31 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21987-1-PBS in a different storage buffer formulation.