

For Research Use Only

SPAG7 Polyclonal antibody

Catalog Number: 16294-1-AP



Basic Information

Catalog Number: 16294-1-AP	GenBank Accession Number: BC011934	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 ug/ml by Nanodrop and 240 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9552	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: O75391	
Isotype: IgG	Full Name: sperm associated antigen 7	
Immunogen Catalog Number: AG9471	Calculated MW: 227 aa, 26 kDa	
	Observed MW: 26-31 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse ovary tissue, mouse brain tissue, mouse skeletal muscle tissue, rat brain tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human colon cancer tissue,

Background Information

SPAG7 encodes the sperm-associated antigen 7, which is widely expressed. The SPAG7 protein contains two nuclear localisation signals and a R3H domain. The domain is predicted to bind ssDNA or ssRNA in a sequence-specific manner. This might indicate a potential role of the protein in response to viruses or free DNAs or RNAs.

Storage

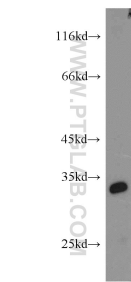
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

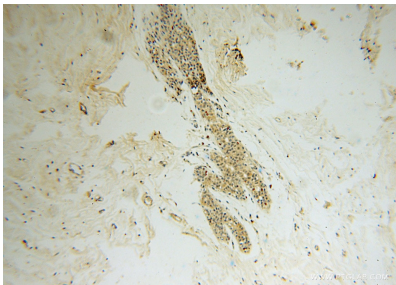
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

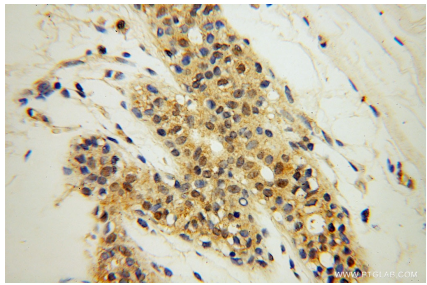
Selected Validation Data



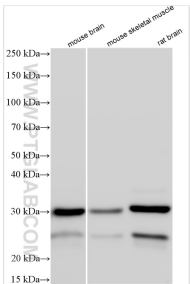
mouse ovary tissue were subjected to SDS PAGE followed by western blot with 16294-1-AP (SPAG7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer using 16294-1-AP (SPAG7 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer using 16294-1-AP (SPAG7 antibody) at dilution of 1:50 (under 40x lens).



Various lysates were subjected to SDS PAGE followed by western blot with 16294-1-AP (SPAG7 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.