

For Research Use Only

SAGE1 Polyclonal antibody

Catalog Number: 30914-1-AP



Basic Information

Catalog Number: 30914-1-AP	GenBank Accession Number: NM_018666.2	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 55511	Recommended Dilutions: IHC 1:100-1:1000 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q9NXZ1	
Isotype: IgG	Full Name: sarcoma antigen 1	
Immunogen Catalog Number: AG34216	Calculated MW: 99kd	

Applications

Tested Applications: IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	IHC : human skin cancer tissue, mouse testis tissue, rat testis tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IF/ICC : A375 cells, U2OS cells

Background Information

Sarcoma antigen 1 (SAGE1) is a cancer/testis antigen that is limited to the spermatogonia and pre-meiotic spermatocytes and localized to the nuclei (PMID: 34465596).

Storage

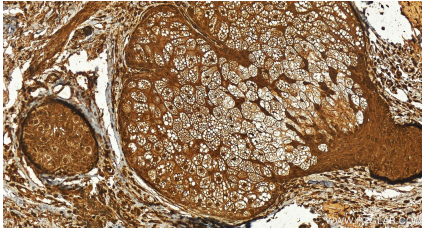
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

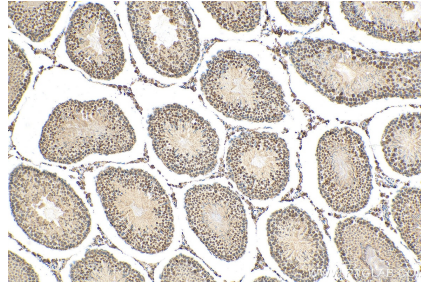
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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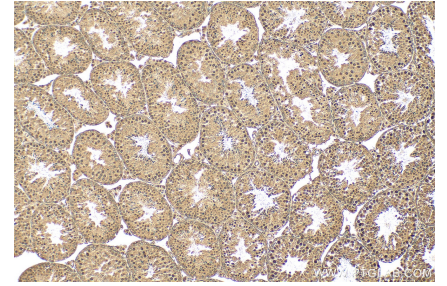
Selected Validation Data



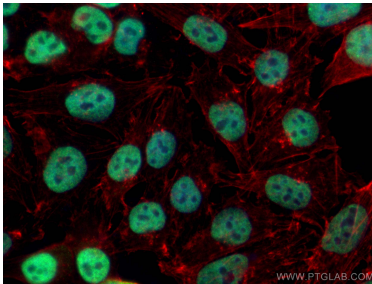
Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 30914-1-AP (SAGE1 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



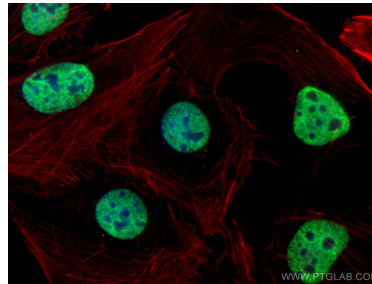
Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 30914-1-AP (SAGE1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 30914-1-AP (SAGE1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A375 cells using SAGE1 antibody (30914-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using SAGE1 antibody (30914-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).