For Research Use Only

SPATA13 Polyclonal antibody

Catalog Number:21400-1-AP 1 Publications

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Basic Information

Catalog Number:
21400-1-AP

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG16101

GenBank Accession Number:
BC109291

GeneID (NCBI):
221178

UNIPROT ID:
Q96N96

Full Name:
spermatogenesis associated 13

Calculated MW:
652 aa, 75 kDa

Observed MW:
75 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:200-1:1000
IHC: 1:50-1:500
IF/ICC: 1:10-1:100

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : COLO 320 cells, human placenta tissue

IHC : human rectal cancer tissue, mouse kidney tissue, mouse small intestine tissue, rat kidney tissue, rat small intestine tissue

IF/ICC : HepG2 cells, HEK-293 cells, Hela cells

Background Information

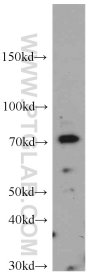
Notable Publications

Author	Pubmed ID	Journal	Application
Yiyin Tang	42261590	Acta Biochim Biophys Sin (Shanghai)	

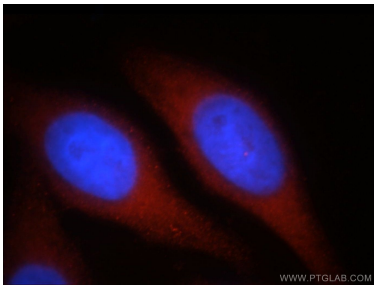
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

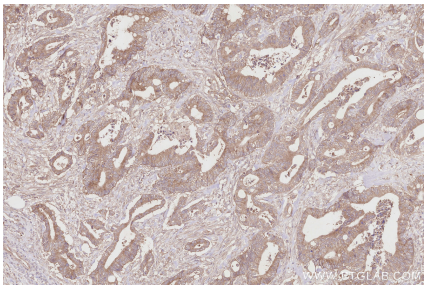
Selected Validation Data



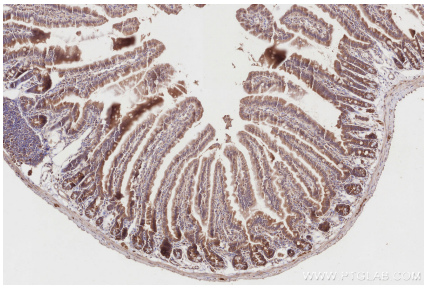
COLO 320 cells were subjected to SDS PAGE followed by western blot with 21400-1-AP (SPATA13 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



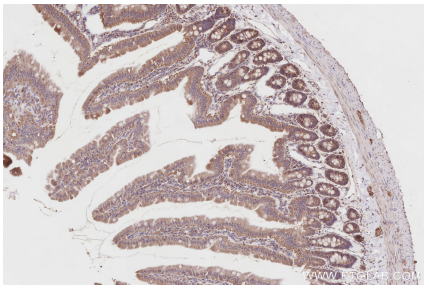
Immunofluorescent analysis of HepG2 cells, using SPATA13 antibody 21400-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunohistochemical analysis of paraffin-embedded human rectal cancer tissue slide using 21400-1-AP (SPATA13 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 small intestine tissue slide using 21400-1-AP (SPATA13 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 rat small intestine tissue slide using 21400-1-AP (SPATA13 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).