

For Research Use Only

SRA1 Polyclonal antibody

Catalog Number: 24655-1-AP **7 Publications**



Basic Information

Catalog Number: 24655-1-AP	GenBank Accession Number: BC067895	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 1200 µg/ml by Nanodrop and 513 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10011	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:20-1:200 IF 1:200-1:800
Source: Rabbit	UNIPROT ID: Q9HD15	
Isotype: IgG	Full Name: steroid receptor RNA activator 1	
Immunogen Catalog Number: AG20082	Calculated MW: 26 kDa	
	Observed MW: 30 kDa, 33 kDa	

Applications

Tested Applications: WB, IF, FC, IHC, ELISA	Positive Controls: WB : A2780 cells, HEK-293 cells
Cited Applications: WB, IHC	IHC : human breast cancer tissue, mouse testis tissue
Species Specificity: human, mouse	IF : MCF-7 cells,
Cited Species: human, mouse	

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

Background Information

Steroid receptor RNA activator 1 (SRA1), also known as steroid receptor RNA activator protein (SRAP) or SRA, is involved in modulating the activity of multiple transcription factors including the estrogen receptor (ER) (PMID: 20398657). It may play a role in tumorigenesis (PMID: 16152589). The SRA1 gene encodes both SRA1 protein and a non-coding functional RNA that functions as part of a ribonucleoprotein complex activating steroid receptor induced transcription. This polyclonal antibody recognizes endogenous SRA1 isoforms which migrate as a doublet on SDS-PAGE gels (PMID: 12565891; 23907597).

Notable Publications

Author	Pubmed ID	Journal	Application
Wenchao Li,	33242606	Free Radic Biol Med	WB
Xin-Nong Chen	33945857	J Ethnopharmacol	WB
Junhan Zhou	35424752	RSC Adv	WB,IHC

Storage

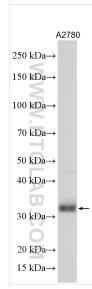
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

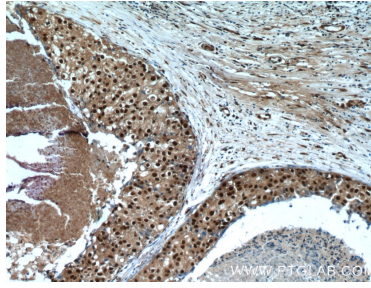
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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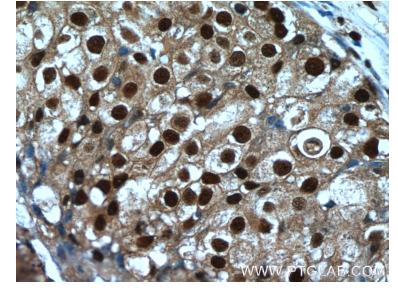
Selected Validation Data



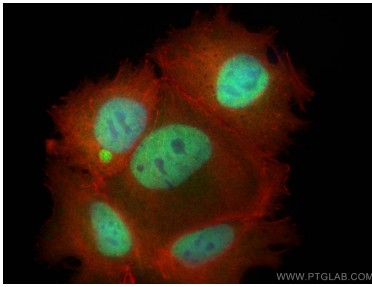
A2780 cells were subjected to SDS PAGE followed by western blot with 24655-1-AP (SRA1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



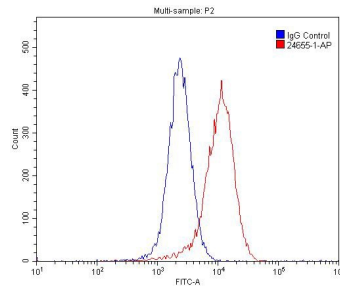
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 24655-1-AP (SRA1 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 24655-1-AP (SRA1 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using SRA1 antibody (24655-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).



1×10^6 MCF-7 cells were stained with 0.2 μ g SRA1 antibody (24655-1-AP, red) and control antibody (blue). Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100. Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.