

For Research Use Only

# SRA1 Polyclonal antibody

Catalog Number: 24655-1-AP

11 Publications



## Basic Information

### Catalog Number:

24655-1-AP

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG20082

### GenBank Accession Number:

BC067895

### GeneID (NCBI):

10011

### UNIPROT ID:

Q9HD15

### Full Name:

steroid receptor RNA activator 1

### Calculated MW:

26 kDa

### Observed MW:

30 kDa, 33 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:2000-1:10000

IHC: 1:20-1:200

IF/ICC: 1:200-1:800

FC (Intra): 0.80 ug per 10<sup>6</sup> cells in a 100 µl suspension

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse

### 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**

### Positive Controls:

WB : A2780 cells, HEK-293 cells

IHC : human breast cancer tissue, mouse testis tissue

IF/ICC : MCF-7 cells,

FC (Intra) : MCF-7 cells,

## 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, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

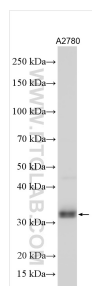
T: 4006900926

E: Proteintech-CN@ptglab.com

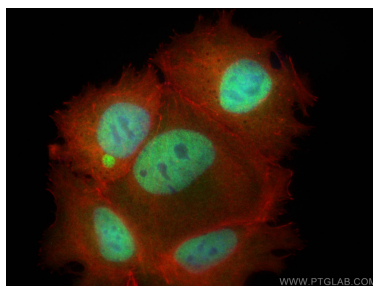
W: ptgcn.com

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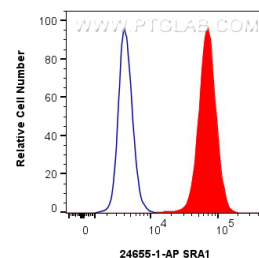
## Selected Validation Data



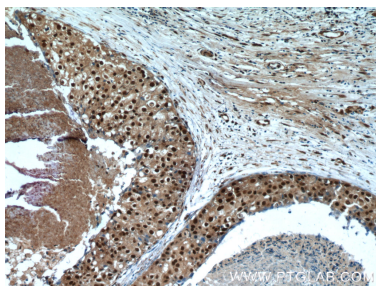
A2780 cells were subjected to SDS PAGE followed by western blot with 24655-1-AP (SRA1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



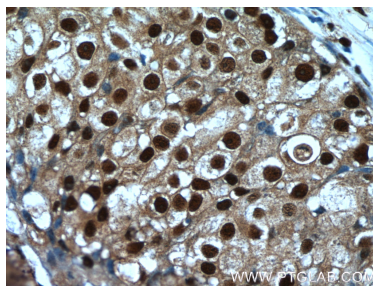
Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using SRA1 antibody (24655-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).



$1 \times 10^6$  MCF-7 cells were intracellularly stained with 0.8  $\mu$ g SRA1 Polyclonal antibody (24655-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.8  $\mu$ g rabbit IgG isotype control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.



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).