

SRP54 Polyclonal Antibody

Catalog number: 11729-1-AP

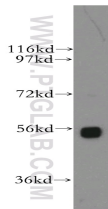
Size: 30 µg/150 µl

Source: Rabbit

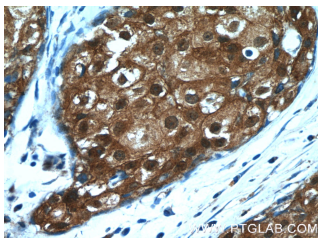
Isotype: IgG

Synonyms:

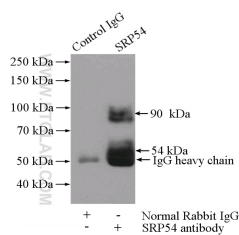
SRP54; SRP54



human placenta tissue were subjected to SDS PAGE followed by western blot with 11729-1-AP(SRP54 antibody) at dilution of 1:500



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using 11729-1-AP(SRP54 Antibody) at dilution of 1:50 (under 40x lens)



IP Result of anti-SRP54 (IP:11729-1-AP, 4ug; Detection:11729-1-AP 1:500) with human placenta tissue lysate 4000ug.

Background

The signal recognition particle (SRP) is a ribonucleoprotein complex that mediates the targeting of proteins to the endoplasmic reticulum (ER). The complex consists of a 7S (or 7SL) RNA and 6 different proteins, and signal recognition particle 54 (SRP54) is one of them. SRP54 binds to the signal sequence of presecretory protein as they emerge from the translating ribosomes, and then transfers them to translocating chain-associating membrane protein (TRAM).

Applications

| | |
|--------------------------|---|
| Tested applications: | ELISA, WB, IHC, IP |
| Cited applications: | WB |
| Species specificity: | Human, Mouse, Rat; other species not tested. |
| Cited species: | Human |
| Calculated SRP54 MW: | 54 kDa |
| Observed SRP54 MW: | 54kd |
| Positive WB detected in | Human placenta tissue, NIH/3T3 cells |
| Positive IP detected in | Human placenta tissue |
| Positive IHC detected in | Human breast cancer tissue |
| Recommended dilution: | WB: 1:200-1:2000 IP: 1:200-1:2000 IHC: 1:20-1:200 |

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

| | |
|---------------------------|-----------------------------------|
| Immunogen: | Ag2327 |
| GenBank accession number: | BC003389 |
| Gene ID (NCBI): | 6729 |
| Full name: | Signal recognition particle 54kDa |

Product information

| | |
|----------------------|---|
| Purification method: | Antigen affinity purification |
| Storage: | PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C. |