

# FRS2 Rabbit PolymAb®

Catalog No.: A23135PM

## Basic Information

### Observed MW

80kDa

### Calculated MW

57kDa

### Category

Primary antibody

### Applications

WB,IHC-P,IF/ICC,ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

Enables fibroblast growth factor receptor binding activity and neurotrophin TRKA receptor binding activity. Involved in negative regulation of cardiac muscle cell differentiation. Acts upstream of or within fibroblast growth factor receptor signaling pathway. Located in adherens junction. Biomarker of renal cell carcinoma.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IHC-P** 1:50 - 1:200

**IF/ICC** 1:100 - 1:500

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

10818

### Swiss Prot

Q8WU20

### Immunogen

Recombinant protein of human FRS2.

### Synonyms

SNT; SNT1; FRS1A; FRS2A; SNT-1; FRS2alpha

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

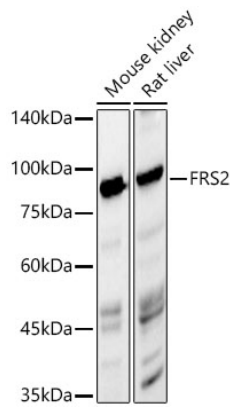
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of lysates from mouse kidney, using FRS2 Rabbit PolymAb® (A23135PM) at 1:500 dilution.

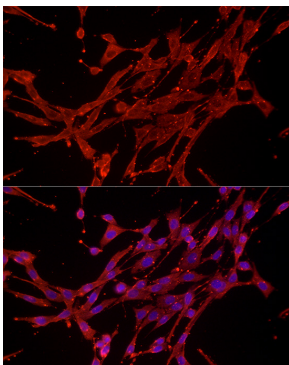
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

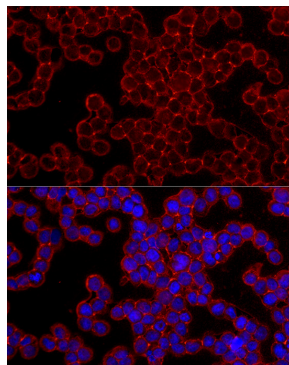
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

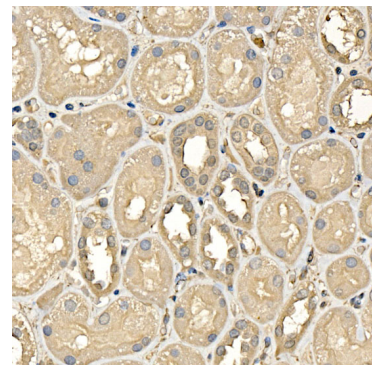
Exposure time: 10s.



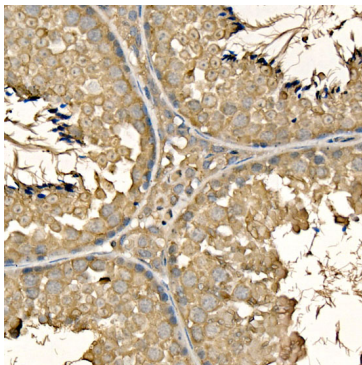
Immunofluorescence analysis of PC-12 cells using FRS2 Rabbit PolymAb® (A23135PM) at dilution of 1:300 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



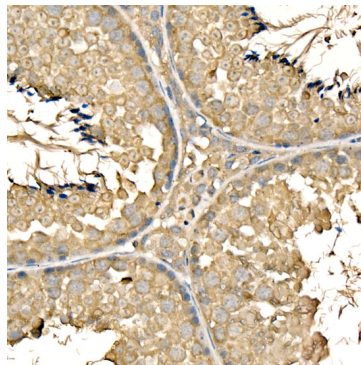
Immunofluorescence analysis of THP-1 cells using FRS2 Rabbit PolymAb® (A23135PM) at dilution of 1:300 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



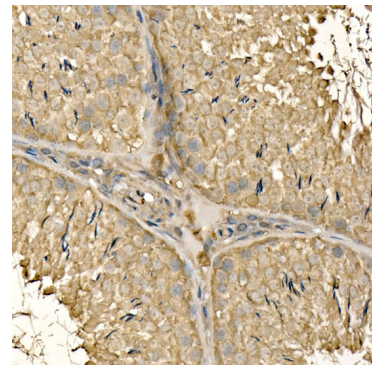
Immunohistochemistry analysis of paraffin-embedded Human kidney using FRS2 Rabbit PolymAb® (A23135PM) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse testis using FRS2 Rabbit PolymAb® (A23135PM) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



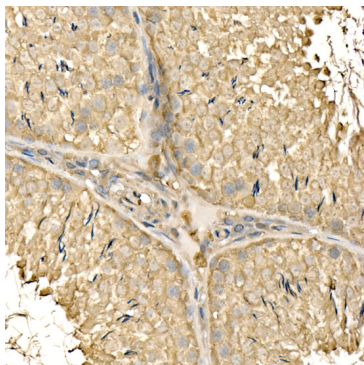
Immunohistochemistry analysis of paraffin-embedded Mouse testis using FRS2 Rabbit PolymAb® (A23135PM) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat testis using FRS2 Rabbit PolymAb® (A23135PM) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

## Validation Data

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Immunohistochemistry analysis of paraffin-embedded Rat testis using FRS2 Rabbit PolymAb® (A23135PM) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.