

FRS2 Rabbit PolymAb®

Catalog No.: A23135PM

Basic Information

Observed MW

80 kDa

Calculated MW

57 kDa

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 1:1000 - 1:2000

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 (or fragment). This information is considered to be commercially sensitive.

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

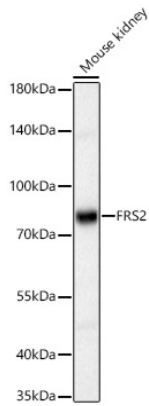
Affinity purification

Storage

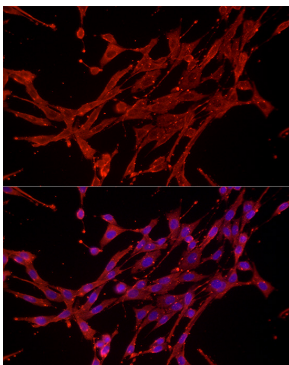
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

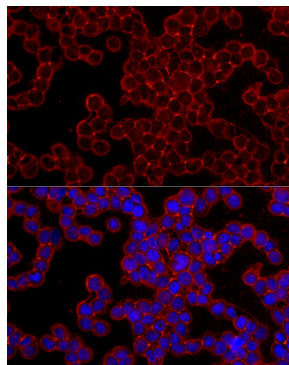
Validation Data



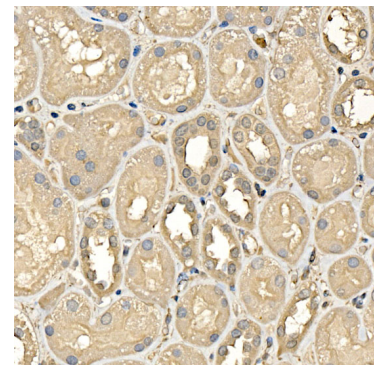
Western blot analysis of lysates from Mouse kidney using FRS2 Rabbit PolymAb® (A23135PM) at 1:1000 dilution incubated at room temperature for 1.5 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30 s.



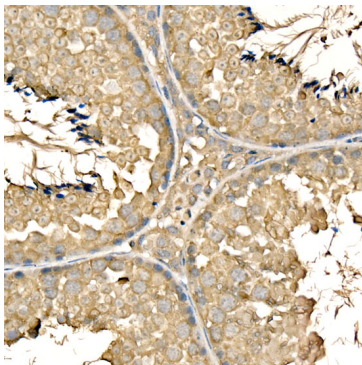
Immunofluorescence analysis of PC-12 cells using FRS2 Rabbit PolymAb® (A23135PM) at dilution of 1:300 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



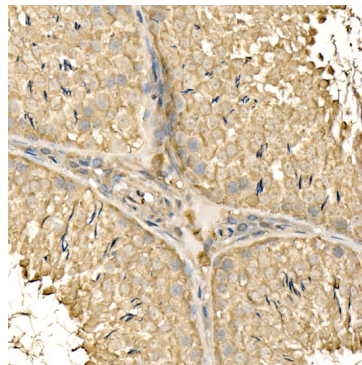
Immunofluorescence analysis of THP-1 cells using FRS2 Rabbit PolymAb® (A23135PM) at dilution of 1:300 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



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



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



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