TRA2B Rabbit mAb

Catalog No.: A28375 Recombinant



Basic Information

Observed MW

38 kDa

Calculated MW

4 kDa/22 kDa/34 kDa

Category

Primary antibody

Applications

WB,IP,IF/ICC,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC75918

Background

This gene encodes a nuclear protein which functions as sequence-specific serine/arginine splicing factor which plays a role in mRNA processing, splicing patterns, and gene expression. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:4000 - 1:20000

IP 0.5μg-4μg antibody for 200μg-400μg extracts of

whole cells

IF/ICC 1:200 - 1:800

IHC-P 1:2000 - 1:8000

ELISA Recommended starting

concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements. For highratio antibody dilutions (≥1:10000)□a sequential dilution method is strongly recommended to ensure measurement

accuracy.

Immunogen Information

Gene ID6434

Swiss Prot
P62995

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

SFRS10; SRFS10; TRAN2B; PPP1R156; TRA2-BETA; Htra2-beta

Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

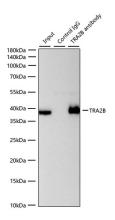
Storage

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

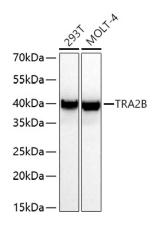
Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Contact

<u>a</u>	400-999-6126
\bowtie	cn.market@abclonal.com.cr
•	www.abclonal.com.cr



Immunoprecipitation of TRA2B from 300 μg extracts of 293T cells was performed using 2 μg of TRA2B Rabbit mAb (A28375). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x reducing Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using TRA2B Rabbit mAb (A28375) at a dilution of 1:5000.



Western blot analysis of various lysates using TRA2B Rabbit mAb (A28375) at 1:10000 dilution incubated overnight at 4° C.

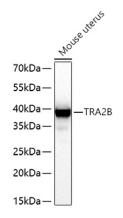
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30 s.



Western blot analysis of lysates from Mouse uterus using TRA2B Rabbit mAb (A28375) at 1:10000 dilution incubated overnight at 4° C.

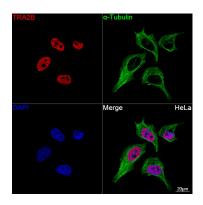
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

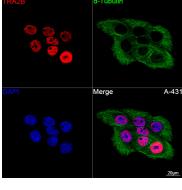
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

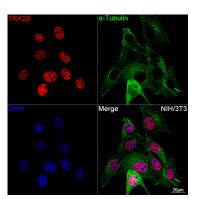
Exposure time: 45 s.



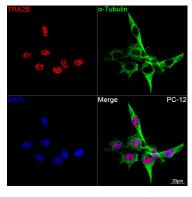
Confocal imaging of HeLa cells using TRA2B Rabbit mAb (A28375, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of A-431 cells using TRA2B Rabbit mAb (A28375, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with $\alpha\text{-}Tubulin$ Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of NIH/3T3 cells using TRA2B Rabbit mAb (A28375, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



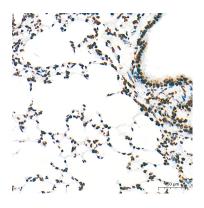
Confocal imaging of PC-12 cells using TRA2B Rabbit mAb (A28375, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



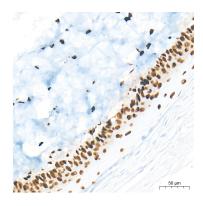
Immunohistochemistry analysis of paraffinembedded Human colon tissue using TRA2B Rabbit mAb (A28375) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human thyroid cancer tissue using TRA2B Rabbit mAb (A28375) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse lung tissue using TRA2B



Immunohistochemistry analysis of paraffinembedded Rat skin tissue using TRA2B

Validation Data

Rabbit mAb (A28375) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

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