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TRA2B Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP14688c

Specification

TRA2B Antibody (Center) Blocking Peptide - Product Information

Primary Accession P62995

TRA2B Antibody (Center) Blocking Peptide - Additional Information

Gene ID 6434

Other Names
Transformer-2 protein homolog beta, TRA-2 beta, TRA2-beta, hTRA2-beta, Splicing factor, arginine/serine-rich 10, Transformer-2 protein homolog B, TRA2B, SFRS10

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TRA2B Antibody (Center) Blocking Peptide - Protein Information

Name TRA2B (HGNC:10781)

Synonyms SFRS10

Function
Sequence-specific RNA-binding protein which participates in the control of pre-mRNA splicing. Can either activate or suppress exon inclusion. Acts additively with RBMX to promote exon 7 inclusion of the survival motor neuron SMN2. Activates the splicing of MAPT/Tau exon 10. Alters pre-mRNA splicing patterns by antagonizing the effects of splicing regulators, like RBMX. Binds to the AG-rich SE2 domain in the SMN exon 7 RNA. Binds to pre-mRNA.

Cellular Location
Nucleus

Tissue Location
Highest expression in heart, skeletal muscle and pancreas. Less abundant in kidney, placenta and brain. Lowest expression in kidney and liver.

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TRA2B Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

TRA2B Antibody (Center) Blocking Peptide - Images

TRA2B Antibody (Center) Blocking Peptide - Background

TRA2B is a sequence-specific RNA-binding protein which participates in the control of pre-mRNA splicing.

TRA2B Antibody (Center) Blocking Peptide - References

Benderska, N., et al. Biochim. Biophys. Acta 1799 (5-6), 448-453 (2010) :Thorleifsson, G., et al. Nat. Genet. 41(1):18-24(2009)Caporaso, N., et al. PLoS ONE 4 (2), E4653 (2009) :Gabriel, B., et al. Acta Obstet Gynecol Scand 88(2):216-221(2009)Miele, A., et al. J. Cell. Biochem. 102(1):136-148(2007)