

Rabbit TRA2B Polyclonal Antibody | anti-TRA2B antibody

TRA2B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328617	Rabbit	Human, Mouse Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus	Western Blot

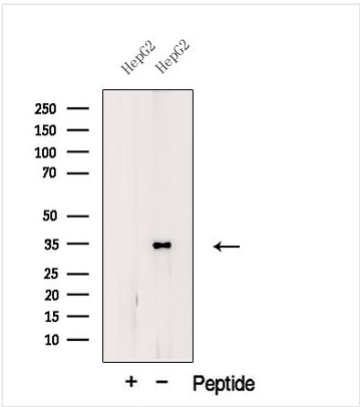
PRODUCT SYNONYMS

TRA2B; Polyclonal Antibody; TRA2B Antibody; arginine/serine-rich 10; Arginine/serine-rich splicing factor 10; hTRA2-beta; SFRS10; Splicing factor; Splicing factor arginine/serine rich 10; SRFS10; TRA-2 beta; TRA2-beta; Tra2b; TRA2B_HUMAN; TRAN2B; Transformer 2 beta homolog; Transformer-2 protein homolog B; Transformer-2 protein homolog beta; Transformer-2-beta; anti-TRA2B antibody

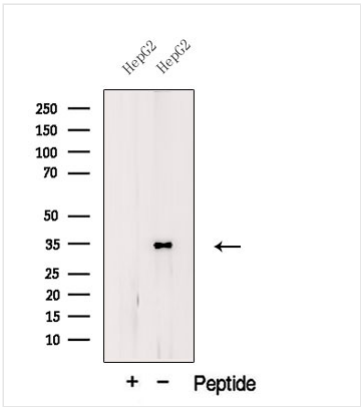
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	TRA2B Antibody detects endogenous levels of TRA2B.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	188
Applicable Applications for anti-TRA2B antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human TRA2B.
Tissue Specificity	Highest expression in heart, skeletal muscle and pancreas. Less abundant in kidney, placenta and brain. Lowest expression in kidney and liver.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, using TRA2B Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from HeLa, using TRA2B Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TRA2B antibody	Description: 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.
	Post Translational Modifications: Phosphorylated in the RS domains. Dimethylation at Arg-241 is probably asymmetric.
	Subunit Structure: Interacts with SAFB/SAFB1 (By similarity). Found in a pre-mRNA exonic splicing enhancer (ESE) complex with TRA2B/SFRS10, SNRNP70, SNRPA1 and SRRM1. Binds to A3 enhancer proteins SFRS4, SFRS5, SFRS6 and SFRS9. Interacts with CPSF6, RBMY1A1, RBMX, RNPS1 and phosphorylated SFRS13A.
	Similarity: Belongs to the splicing factor SR family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	345197228
NCBI GeneID	6434
NCBI Accession #	NP_001230808
NCBI GenBank Nucleotide #	NP_001230808.1
UniProt Accession #	P62995
Molecular Weight	Observed: 34 kDa Predicted: 34 kDa
NCBI Official Full Name	transformer-2 protein homolog beta isoform 2
NCBI Official Synonym Full Names	transformer 2 beta homolog
NCBI Official Symbol	TRA2B
NCBI Official Synonym Symbols	SFRS10; SRFS10; TRAN2B; PPP1R156; TRA2-BETA; Htra2-beta
NCBI Protein Information	transformer-2 protein homolog beta
UniProt Protein Name	Transformer-2 protein homolog beta
UniProt Gene Name	TRA2B

UniProt Synonym Gene Names	SFRS10; TRA-2 beta; TRA2-beta; hTRA2-beta
UniProt Entry Name	TRA2B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tra2b-antibody-western-blot-elisa/328617>