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## anti-TRA2B antibody (N-Term)





Publication



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Overview	
Quantity:	100 μL
Target:	TRA2B
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRA2B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SFRS10
Sequence:	MSDSGEQNYG ERESRSASRS GSAHGSGKSA RHTPARSRSK EDSRRSRSKS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SFRS10. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified
Target Details	
Target:	TRA2B

### Target Details

Alternative Name:	SFRS10 (TRA2B Products)
Background:	SFRS10 contains 1 RRM (RNA recognition motif) domain and belongs to the splicing factor SR family. It is a sequence-specific RNA-binding protein which participates in the control of pre-
	mRNA splicing.  Alias Symbols: SFRS10, SRFS10, TRAN2B, TRA2-BETA, Htra2-beta
	Protein Interaction Partner: SUMO3, SUMO2, EED, CLK3, SRPK2, SRPK1, YWHAE, HNRNPA1,
	CDK6, YTHDC1, RBMX, RNPS1, SRSF10, NXF1, UBC, SRSF6, SRSF4, SRSF3, SRSF2, MAGOH,
	EIF4A3, BARD1, PAXIP1, PPP4R2, SF3B1, FAF2, PSIP1, GCN1L1, EIF4H, SRSF7, SRSF5, SRSF1,
	S100A9, RBMS2, RAN, PRKDC, NHP2L
	Protein Size: 288
Molecular Weight:	32 kDa
Gene ID:	6434
NCBI Accession:	NM_004593, NP_004584
UniProt:	P62995
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 288 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

#### Handling

Storage Comment:

For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Publications**

Product cited in:

Sun, Zhou, Liu, Zhang, Chen, Pan, Ma, Liu, Du, Yang, Wang: "Inhibition of breast cancer cell survival by Xanthohumol via modulation of the Notch signaling pathway in vivo and in vitro." in: **Oncology letters**, Vol. 15, Issue 1, pp. 908-916, (2018) (PubMed).

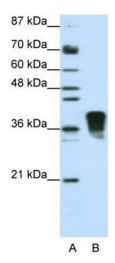
Natsumeda, Maitani, Liu, Miyahara, Kaur, Chu, Zhang, Kahlert, Eberhart: "Targeting Notch Signaling and Autophagy Increases Cytotoxicity in Glioblastoma Neurospheres." in: **Brain pathology (Zurich, Switzerland)**, Vol. 26, Issue 6, pp. 713-723, (2015) (PubMed).

Meng, Su, Liu, Wang, Wang: "Rac1 contributes to cerebral ischemia reperfusion-induced injury in mice by regulation of Notch2." in: **Neuroscience**, Vol. 306, pp. 100-14, (2015) (PubMed).

Ma, Mao, Shen, Zheng, Li, Liu, Ni: "Atractylenolide I-mediated Notch pathway inhibition attenuates gastric cancer stem cell traits." in: **Biochemical and biophysical research communications**, Vol. 450, Issue 1, pp. 353-9, (2014) (PubMed).

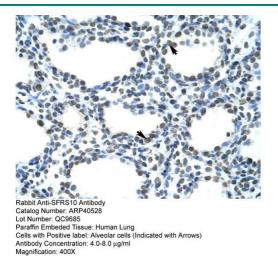
Asnaghi, Lin, Lim, Lim, Tripathy, Wendeborn, Merbs, Handa, Sodhi, Bar, Eberhart: "Hypoxia promotes uveal melanoma invasion through enhanced Notch and MAPK activation." in: **PLoS ONE**, Vol. 9, Issue 8, pp. e105372, (2014) (PubMed).

#### **Images**



#### **Western Blotting**

**Image 1.** WB Suggested Anti-SFRS10 Antibody Titration: 1.25ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate TRA2B is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



#### **Immunohistochemistry**

Image 2. Rabbit Anti-SFRS10 Antibody Paraffin Embedded Tissue: Human Lung Cellular Data: Alveolar cells Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

# 87 kDa\_\_ 70 kDa\_\_ 60 kDa\_\_ 48 kDa\_\_ 36 kDa\_\_ 21 kDa\_\_

#### **Western Blotting**

Image 3. WB Suggested Anti-SFRS10

Antibody Titration: 1.25 µg/mL ELISA Titer: 1:62500

Positive Control: Jurkat cell lysate

TRA2B is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells

Please check the product details page for more images. Overall 4 images are available for ABIN2778898.