

Datasheet for ABIN7600825
anti-TSPYL5 antibody (AA 24-337)



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Overview

Quantity:	100 µg
Target:	TSPYL5
Binding Specificity:	AA 24-337
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSPYL5 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA

Product Details

Purpose:	Anti-TSPYL5 Antibody Picoband®
Immunogen:	E.coli-derived human TSPYL5 recombinant protein (Position: R24-Q337).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TSPYL5 Antibody Picoband® (ABIN7600825). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	TSPYL5
Alternative Name:	TSPYL5 (TSPYL5 Products)
Background:	Synonyms: RNA-binding protein Nova-2, Astrocytic NOVA1-like RNA-binding protein, Neuro-oncological ventral antigen 2, NOVA2, ANOVA, NOVA3 Tissue Specificity: Brain. Expression restricted to astrocytes. Background: TSPYL5 is a protein that in humans is encoded by the TSPYL5 gene. Predicted to enable chromatin binding activity and histone binding activity. Involved in several processes, including cellular response to gamma radiation, positive regulation of protein kinase B signaling, and positive regulation of protein ubiquitination. Predicted to be active in chromatin and nucleus.
Molecular Weight:	48 kDa
Gene ID:	85453

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Epping, M. T., Meijer, L. A. T., Krijgsman, O., Bos, J. L., Pandolfi, P. P., Bernards, R. TSPYL5 suppresses p53 levels and function by physical interaction with USP7. <i>Nature Cell Biol.</i> 13: 102-108, 2011. 2. Jung, Y., Park, J., Bang, Y.-J., Kim, T.-Y. Gene silencing of TSPYL5 mediated by aberrant promoter methylation in gastric cancers. <i>Lab. Invest.</i> 88: 153-160, 2008. 3. Kim, E. J., Lee, S. Y., Kim, T. R., Choi, S. I., Cho, E. W., Kim, K. C., Kim, I. G. TSPYL5 is involved in cell growth and the resistance to radiation in A549 cells via the regulation of p21(WAF1/Cip1) and PTEN/AKT pathway. <i>Biochem. Biophys. Res. Commun.</i> 392: 448-453, 2010.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C

Handling

Storage Comment: At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.