Datasheet for ABIN7599887

anti-HTATSF1 antibody (AA 126-333)

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Overview

Quantity:	100 µg
Target:	HTATSF1
Binding Specificity:	AA 126-333
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HTATSF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-HTATSF1 Antibody Picoband®
Immunogen:	E.coli-derived human HTATSF1 recombinant protein (Position: H126-D333). Human HTATSF1 shares 96.2% amino acid (aa) sequence identity with mouse HTATSF1.
Characteristics:	Anti-HTATSF1 Antibody Picoband® (ABIN7599887). Tested in WB, IHC, IF, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. 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:	HTATSF1
Alternative Name:	HTATSF1 (HTATSF1 Products)
Background:	HIV Tat-specific factor 1 is a protein that in humans is encoded by the HTATSF1 gene. The protein encoded by this gene functions as a cofactor for the stimulation of transcriptional elongation by HIV-1 Tat, which binds to the HIV-1 promoter through Tat-TAR interaction. This protein may also serve as a dual-function factor to couple transcription and splicing and to facilitate their reciprocal activation. Alternatively spliced transcript variants have been found for this gene.
Molecular Weight:	140 kDa
Gene ID:	27336
UniProt:	O43719

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunohistochemistry, 2-5 µg/mL, Mouse, Rat Immunofluorescence, 5 µg/mL, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Fong, Y. W., Zhou, Q. Stimulatory effect of splicing factors on transcriptional elongation. Nature 414: 929-933, 2001. 2. Stumpf, A. M. Personal Communication. Baltimore, Md. 10/01/2020. 3. Zhang, Z., Will, C. L., Bertram, K., Dybkov, O., Hartmuth, K., Agafonov, D. E., Hofele, R., Urlaub, H., Kastner, B., Luhrmann, R., Stark, H. Molecular architecture of the human 17S U2 snRNP. Nature 583: 310-313, 2020.
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 Na2HPO4.
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.