Datasheet for ABIN7600978

anti-RDBP antibody (AA 262-378)

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Overview

Quantity:	100 µg
Target:	RDBP
Binding Specificity:	AA 262-378
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RDBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-NELFE Antibody Picoband®
Immunogen:	E.coli-derived human NELFE recombinant protein (Position: N262-D378).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-NELFE Antibody Picoband® (ABIN7600978). Tested in ELISA, IF, IHC, ICC, WB, Flow Cytometry 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:	RDBP
Alternative Name:	NELFE (RDBP Products)
Background:	Synonyms: Forkhead box protein F1, Forkhead-related activator 1, FREAC-1, Forkhead-related protein FKHL5, Forkhead-related transcription factor 1, FOXF1, FKHL5, FREAC1 Tissue Specificity: Expressed in kidney. Background: The protein encoded by this gene is part of a complex termed negative elongation factor (NELF) which represses RNA polymerase II transcript elongation. This protein bears similarity to nuclear RNA-binding proteins, however, it has not been demonstrated that this protein binds RNA. The protein contains a tract of alternating basic and acidic residues, largely arginine (R) and aspartic acid (D). The gene localizes to the major histocompatibility complex (MHC) class III region on chromosome 6.
Molecular Weight:	43 kDa
Gene ID:	7936
UniProt:	P18615

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Gibson, B. A., Zhang, Y., Jiang, H., Hussey, K. M., Shrimp, J. H., Lin, H., Schwede, F., Yu, Y., Kraus, W. L. Chemical genetic discovery of PARP targets reveals a role for PARP-1 in transcription elongation. Science 353: 45-50, 2016. 2. Levi-Strauss, M., Carroll, M. C., Steinmetz, M., Meo, T. A previously undetected MHC gene with an unusual periodic structure. Science 240: 201-204, 1988. 3. Narita, T., Yamaguchi, Y., Yano, K., Sugimoto, S., Chanarat, S., Wada, T., Kim, D., Hasegawa, J., Omori, M., Inukai, N., Endoh, M., Yamada, T., Handa, H. Human transcription elongation factor NELF: identification of novel subunits and reconstitution of the functionally active complex. Molec. Cell. Biol. 23: 1863-1873, 2003.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized

Handling

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
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.