

Datasheet for ABIN7601894
anti-XRN2 antibody (AA 5-748)



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Overview

Quantity:	100 µg
Target:	XRN2
Binding Specificity:	AA 5-748
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XRN2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-XRN2 Antibody Picoband®
Immunogen:	E.coli-derived human XRN2 recombinant protein (Position: A5-N748).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-XRN2 Antibody Picoband® (ABIN7601894). 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:	XRN2
Alternative Name:	XRN2 (XRN2 Products)
Background:	Synonyms: Proliferation-associated protein 2G4,Cell cycle protein p38-2G4 homolog,hG4-1,ErbB3-binding protein 1,PA2G4,EBP1, Tissue Specificity: Isoform 2 is undetectable whereas isoform 1 is strongly expressed in cancer cells (at protein level). Isoform 1 and isoform 2 are widely expressed, including heart, brain, lung, pancreas, skeletal muscle, kidney, placenta and liver. . Background: 5'-3' Exoribonuclease 2 (XRN2) also known as Dhml-like protein is an exoribonuclease enzyme that in humans is encoded by the XRN2 gene. This gene encodes a 5'-3' exonuclease that promotes transcription termination at cotranscriptional cleavage sites. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Weight:	109 kDa
Gene ID:	22803
UniProt:	Q9H0D6

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. Chatterjee, S., Grosshans, H. Active turnover modulates mature microRNA activity in <i>Caenorhabditis elegans</i>. <i>Nature</i> 461: 546-549, 2009. 2. Shobuiki, T., Sugano, S., Yamashita, T., Ikeda, H. Characterization of cDNA encoding mouse homolog of fission yeast dhp1+ gene: structural and functional conservation. <i>Nucleic Acids Res.</i> 23: 357-361, 1995. 3. West, S., Gromak, N., Proudfoot, N. J. Human 5-prime to 3-prime exonuclease Xrn2 promotes transcription termination at co-transcriptional cleavage sites. <i>Nature</i> 432: 522-525, 2004.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 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.

Handling

Storage: 4 °C, -20 °C

Storage Comment: Store 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 freeze-thaw cycles.