

Datasheet for ABIN7602033
anti-DHX29 antibody (AA 56-1343)



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Overview

Quantity:	100 µg
Target:	DHX29
Binding Specificity:	AA 56-1343
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DHX29 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-DHX29 Antibody Picoband®
Immunogen:	E.coli-derived human DHX29 recombinant protein (Position: R56-K1343).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-DHX29 Antibody Picoband® (ABIN7602033). 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:	DHX29
Alternative Name:	DHX29 (DHX29 Products)
Background:	<p>Synonyms: Fascin-2, Retinal fascin, FSCN2</p> <p>Tissue Specificity: Localized specifically in the outer and inner segments of the photoreceptor cells in the retina.</p> <p>Background: DExH-box helicase 29 (DHX29) is a 155 kDa protein that in humans is encoded by the DHX29 gene. This gene encodes a member of the DEAH (Asp-Glu-Ala-His) subfamily of proteins, part of the DEAD (Asp-Glu-Ala-Asp) box family of RNA helicases. The encoded protein functions in translation initiation, and is specifically required for ribosomal scanning across stable mRNA secondary structures during initiation codon selection. This protein may also play a role in sensing virally derived cytosolic nucleic acids. Knockdown of this gene results in reduced protein translation and impaired proliferation of cancer cells.</p>
Molecular Weight:	155 kDa
Gene ID:	54505
UniProt:	Q7Z478

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Hartz, P. A. Personal Communication. Baltimore, Md. 4/1/2009. 2. Pisareva, V. P., Pisarev, A. V., Komar, A. A., Hellen, C. U. T., Pestova, T. V. Translation initiation on mammalian mRNAs with structured 5-prime UTRs requires DExH-box protein DHX29. Cell 135: 1237-1250, 2008.</p>
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.