

Datasheet for ABIN7599418
anti-RUFY3 antibody (AA 1-469)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	RUFY3
Binding Specificity:	AA 1-469
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RUFY3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-RUFY3 Antibody Picoband®
Immunogen:	E.coli-derived human RUFY3 recombinant protein (Position: M1-H469).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-RUFY3 Antibody Picoband® (ABIN7599418). Tested in ELISA, WB, Flow Cytometry 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:	RUFY3
Alternative Name:	RUFY3 (RUFY3 Products)
Background:	<p>Synonyms: Mediator of RNA polymerase II transcription subunit 20, Mediator complex subunit 20, TRF-proximal protein homolog, hTRFP, MED20, TRFP,</p> <p>Tissue Specificity: Pre-B-cells and B-cells but not terminally differentiated plasma cells.</p> <p>Background: This gene encodes a RPIP8, UNC-14, and NESCA domain-containing protein that is required for maintenance of neuronal polarity. In addition, it has been implicated in mediation of gastric cancer cell migration and invasion via interaction with P21-activated kinase-1, which promotes its expression. The encoded protein localizes to F-actin-enriched invadopodia to induce formation of protrusions, thereby facilitating cell migration. Alternative splicing results in multiple transcript variants.</p>
Molecular Weight:	53-65 kDa
Gene ID:	22902
UniProt:	Q7L099

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Mouse, Rat</p> <p>Flow Cytometry (Fixed), 1-3 µg /1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Hertz, N. T., Adams, E. L., Weber, R. A., Shen, R. J., O'Rourke, M. K., Simon, D. J., Zebroski, H., Olsen, O., Morgan, C. W., Mileur, T. R., Hitchcock, A. M., Sinnott Armstrong, N. A., Wainberg, M., Bassik, M. C., Molina, H., Wells, J. A., Tessier-Lavigne, M. Neuronally enriched RUFY3 is required for caspase-mediated axon degeneration. Neuron 103: 412-422, 2019. 2. Mori, T., Wada, T., Suzuki, T., Kubota, Y., Inagaki, N. Singar1, a novel RUN domain-containing protein, suppresses formation of surplus axons for neuronal polarity. J. Biol. Chem. 282: 19884-19893, 2007. 3. Nagase, T., Ishikawa, K., Suyama, M., Kikuno, R., Hirose, M., Miyajima, N., Tanaka, A., Kotani, H., Nomura, N., Ohara, O. Prediction of the coding sequences of unidentified human genes. XII. The complete sequences of 100 new cDNA clones from brain which code for large proteins in vitro. DNA Res. 5: 355-364, 1998.</p>
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 Na ₂ HPO ₄ .
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.