

Datasheet for ABIN7599656
anti-PROX2 antibody (AA 104-438)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PROX2
Binding Specificity:	AA 104-438
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PROX2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-PROX2 Antibody Picoband®
Immunogen:	E.coli-derived human PROX2 recombinant protein (Position: R104-E438). Human PROX2 shares 56.7% amino acid (aa) sequence identity with mouse PROX2.
Characteristics:	Anti-PROX2 Antibody Picoband® (ABIN7599656). Tested in WB, ICC/IF, Flow Cytometry, ELISA 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:	PROX2
Alternative Name:	PROX2 (PROX2 Products)
Background:	Prospero homeobox protein 2 is a protein that in humans is encoded by the PROX2 gene. Prox2 is a transcription regulator. Prox2 does not seem to be essential for embryonic development and postnatal survival.
Molecular Weight:	66 kDa
Gene ID:	283571
UniProt:	Q3B8N5

Application Details

Application Notes:	Western blot, 0.25-0.5 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. Hartz, P. A. Personal Communication. Baltimore, Md. 2/22/2013. 2. Nishijima, I., Ohtoshi, A. Characterization of a novel prospero-related homeobox gene, Prox2. Molec. Genet. Genomics 275: 471-478, 2006. 3. Pistocchi, A., Bartesaghi, S., Cotelli, F., Del Giacco, L. Identification and expression pattern of zebrafish prox2 during embryonic development. Dev. Dynamics 237: 3916-3920, 2008.
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
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.