

Product datasheet

Anti-Nicalin antibody [EPR8528] ab131159

Recombinant RabMAb

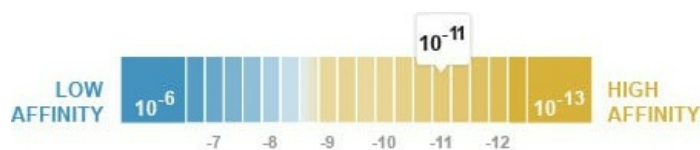
3 Images

Overview

Product name	Anti-Nicalin antibody [EPR8528]
Description	Rabbit monoclonal [EPR8528] to Nicalin
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide corresponding to Human Nicalin aa 50-150. Database link: Q969V3
Positive control	A431, BxPC-3, 293T, C6, Raw 264.7 and NIH/3T3 cell lysates
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Dissociation constant (K _D)	K _D = 8.10 x 10 ⁻¹¹ M



[Learn more about K_D](#)

Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide
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	Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR8528
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab131159 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

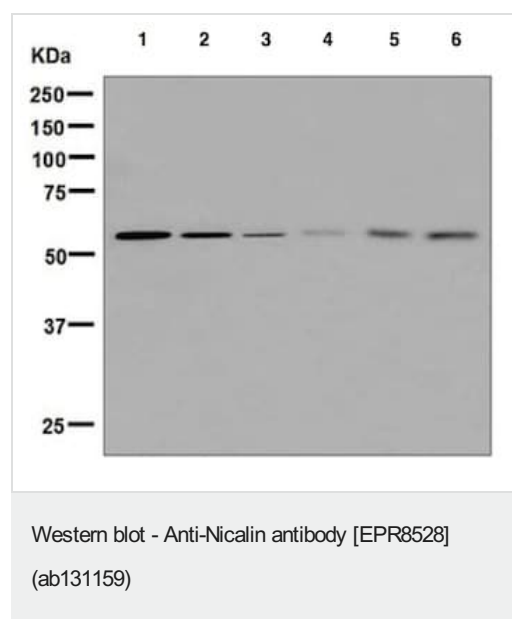
Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 60 kDa (predicted molecular weight: 63 kDa).

Application notes Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

Target

Function	May antagonize Nodal signaling and subsequent organization of axial structures during mesodermal patterning.
Tissue specificity	Highly expressed in pancreas and skeletal muscle and, at lower levels, in heart.
Sequence similarities	Belongs to the nicastrin family.
Cellular localization	Endoplasmic reticulum membrane.

Images



All lanes : Anti-Nicalin antibody [EPR8528] (ab131159) at 1/1000 dilution

Lane 1 : A431 cell lysate

Lane 2 : BxPC-3 cell lysate

Lane 3 : 293T cell lysate

Lane 4 : C6 cell lysate

Lane 5 : Raw 264.7 cell lysate

Lane 6 : NIH/3T3 cell lysate

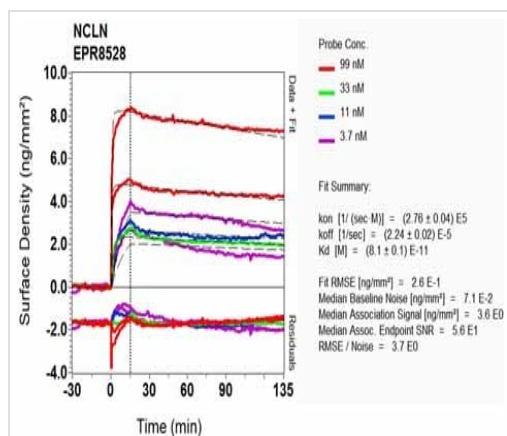
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit IgG at 1/2000 dilution

Predicted band size: 63 kDa

Observed band size: 60 kDa



SPR Scanning - Anti-Nicalin antibody [EPR8528]
(ab131159)

Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Why choose a
recombinant antibody?



**Research with
confidence**
Consistent and
reproducible results



**Long-term and
scalable supply**
Recombinant
technology



**Success from the
first experiment**
Confirmed
specificity



**Ethical standards
compliant**
Animal-free
production

Anti-Nicalin antibody [EPR8528] (ab131159)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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