

Anti-NCOR2/SMRT antibody ab264188

1 Image

Overview

Product name	Anti-NCOR2/SMRT antibody
Description	Rabbit polyclonal to NCOR2/SMRT
Host species	Rabbit
Tested applications	Suitable for: IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human NCOR2/SMRT aa 1925-1975. The exact sequence is proprietary. Database link: Q9Y618
Positive control	IP: HeLa cell lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate
Purity	Affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab264188 in the following tested applications.

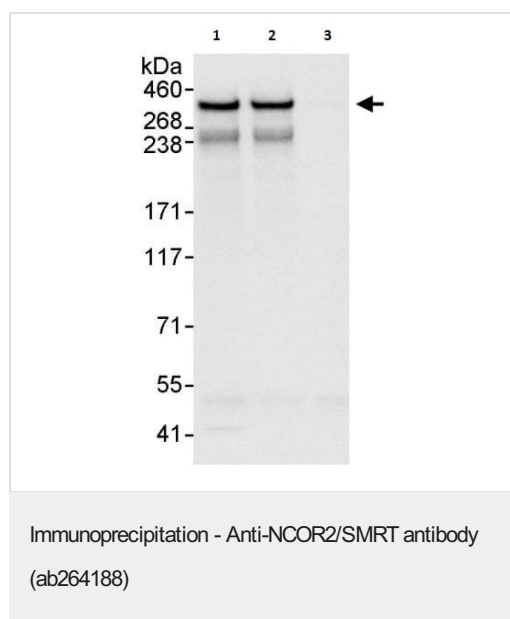
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use a concentration of 2 - 5 µg/ml.

Target

Function	Transcriptional corepressor of NR4A2/NURR1 and acts through histone deacetylases (HDACs) to keep promoters of NR4A2/NURR1 target genes in a repressed deacetylated state (By similarity). Mediates the transcriptional repression activity of some nuclear receptors by promoting chromatin condensation, thus preventing access of the basal transcription. Isoform 1 and isoform 5 have different affinities for different nuclear receptors.
Tissue specificity	Ubiquitous. High levels of expression are detected in lung, spleen and brain.
Sequence similarities	Belongs to the N-CoR nuclear receptor corepressors family. Contains 2 SANT domains.
Domain	The N-terminal region contains repression functions that are divided into three independent repression domains (RD1, RD2 and RD3). The C-terminal region contains the nuclear receptor-interacting domains that are divided in two separate interaction domains (ID1 and ID2). The two interaction domains (ID) contain a conserved sequence referred to as the CORNR box. This motif is required and sufficient to permit binding to unligated TR and RARS. Sequences flanking the CORNR box determine nuclear hormone receptor specificity.
Cellular localization	Nucleus.

Images



NCOR2/SMRT was immunoprecipitated from 1 mg HeLa whole cell lysate using ab264188 at 3 µg/mg lysate. An alternative NCOR2/SMRT antibody was used for western blotting at 1 µg/ml.

Lane 1: Alternative NCOR2/SMRT antibody IP in HeLa whole cell lysate.

Lane 2: ab264188 IP in HeLa whole cell lysate.

Lane 3: Control IgG.

Detection: Chemiluminescence with an exposure time of 1 second.

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

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