Datasheet for ABIN7602122

anti-NCOR2 antibody (AA 6-2148)

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Overview

Quantity:	100 µg
Target:	NCOR2
Binding Specificity:	AA 6-2148
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCOR2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-NCOR2 Antibody Picoband®
Immunogen:	E.coli-derived human NCOR2 recombinant protein (Position: Q6-H2148).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-NCOR2 Antibody Picoband® (ABIN7602122). Tested in ELISA, IF, ICC,WB, Flow Cytometry 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:	NCOR2
Alternative Name:	NCOR2 (NCOR2 Products)
Background:	Synonyms: Caspase recruitment domain-containing protein 9. Hcard9. CARD9 Tissue Specificity: Expressed on natural killer cells, macrophages, subpopulation of T-cells, immature thymocytes and placental trophoblasts. Background: This gene encodes a nuclear receptor co-repressor that mediates transcriptional silencing of certain target genes. The encoded protein is a member of a family of thyroid hormone- and retinoic acid receptor-associated co-repressors. This protein acts as part of a multisubunit complex which includes histone deacetylases to modify chromatin structure that prevents basal transcriptional activity of target genes. Aberrant expression of this gene is associated with certain cancers. Alternate splicing results in multiple transcript variants encoding different isoforms.
Molecular Weight:	275 kDa
Gene ID:	9612
UniProt:	Q9Y618
Pathways:	Notch Signaling, Carbohydrate Homeostasis, Chromatin Binding, Regulation of Lipid Metabolism by PPARalpha

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. Chen, J. D., Evans, R. M. A transcriptional co-repressor that interacts with nuclear hormone receptors. Nature 377: 454-457, 1995. 2. Fischle, W., Dequiedt, F., Hendzel, M. J., Guenther, M. G., Lazar, M. A., Voelter, W., Verdin, E. Enzymatic activity associated with class II HDACs is dependent on a multiprotein complex containing HDAC3 and SMRT/N-CoR. Molec. Cell 9: 45-57, 2002. 3. Hoberg, J. E., Yeung, F., Mayo, M. W. SMRT derepression by the I-kappa-B kinase alpha: a prerequisite to NF-kappa-B transcription and survival. Molec. Cell 16: 245-255, 2004.
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 Na2HPO4.
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.