

ARG65813 anti-NCOR1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NCOR1
Tested Reactivity	Hu
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NCOR1
Species	Human
Immunogen	KLH-conjugated synthetic peptide around the N-terminus of Human NCOR1.
Conjugation	Un-conjugated
Alternate Names	N-CoR1; N-CoR; Nuclear receptor corepressor 1; TRAC1; PPP1R109; hN-CoR

Application Instructions

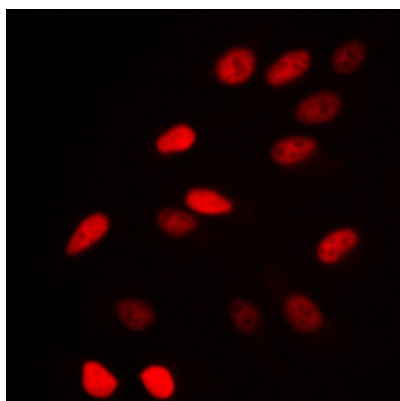
Application table	Application	Dilution
	ICC/IF	1:100 - 1:500
	IHC-P	1:100 - 1:200
	WB	1:500 - 1:1000
Application Note	IHC-P: Antigen Retrieval: Sodium citrate buffer (10mM, pH 6.0), Boiling bathing for 20 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	Liquid (pH 7.3), 0.42% Potassium phosphate, 0.87% NaCl, 0.01% Sodium azide and 30% Glycerol.
Preservative	0.01% Sodium azide
Stabilizer	30% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

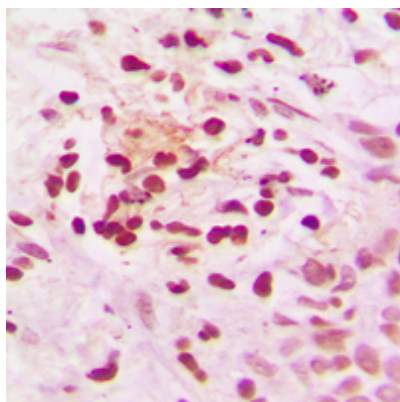
Database links	GeneID: 9611 Human Swiss-port # O75376 Human
Gene Symbol	NCOR1
Gene Full Name	nuclear receptor corepressor 1
Background	This gene encodes a protein that mediates ligand-independent transcription repression of thyroid-hormone and retinoic-acid receptors by promoting chromatin condensation and preventing access of the transcription machinery. It is part of a complex which also includes histone deacetylases and transcriptional regulators similar to the yeast protein Sin3p. This gene is located between the Charcot-Marie-Tooth and Smith-Magenis syndrome critical regions on chromosome 17. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 17 and 20.[provided by RefSeq, Jun 2010]
Function	Mediates transcriptional repression by certain nuclear receptors. Part of a complex which promotes histone deacetylation and the formation of repressive chromatin structures which may impede the access of basal transcription factors. Participates in the transcriptional repressor activity produced by BCL6. [UniProt]
Calculated Mw	270 kDa
PTM	Ubiquitinated; mediated by SIAH2 and leading to its subsequent proteasomal degradation.

Images



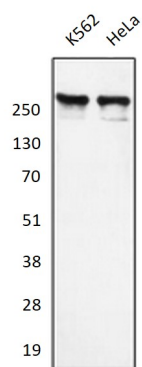
ARG65813 anti-NCOR1 antibody ICC/IF image

Immunocytochemistry: Formalin-fixed HeLa cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 min and blocked with 3% BSA-PBS for 30 min at RT. Cells were stained with ARG65813 anti-NCOR1 antibody in 3% BSA-PBS and incubated overnight at 4°C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at RT in the dark. DAPI was used to stain the cell nuclei (blue).



ARG65813 anti-NCOR1 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human breast cancer tissue section. Antigen retrieval: Sodium citrate buffer (10mM, pH 6.0), Boiling bathing for 20 min. The section was stained with ARG65813 anti-NCOR1 antibody at RT and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



ARG65813 anti-NCOR1 antibody WB image

Western blot: K562 and HeLa whole cell lysates stained with ARG65813 anti-NCOR1 antibody.