

NCOR1-2

Uniprot ID: O75376

Protein name: NCOR1_HUMAN

Full name: Nuclear receptor corepressor 1

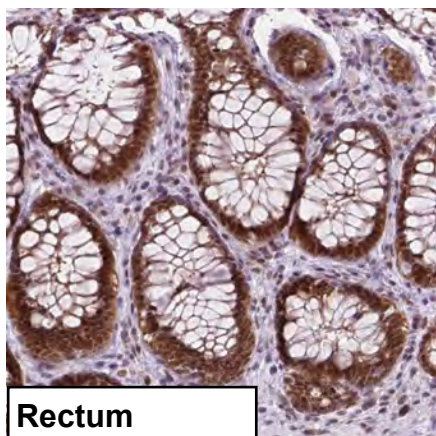
Protein existence: evidence at protein level

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.

Three antibodies: NCOR1-1, NCO1-2 and NCOR1-3 were tested. NCOR1-2 was selected for full protein profiling.

NCOR1-2 (CAB072830)

OK



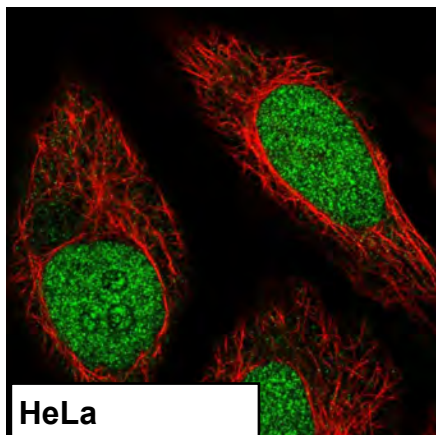
Immunohistochemistry

IHC protocol: HIER pH 6, Dilution 1:1300

IHC test staining: Prominent nuclear staining in glandular cells.

IHC Annotators comments

Most normal tissues displayed weak to moderate nuclear staining. Duodenum, rectum, thyroid and the neuronal cells of cerebral cortex gland showed strong staining. A subset of cells in hepatocytes, prostate, small intestine and cells in seminiferous ducts displayed moderate cytoplasmic positivity. The adrenal, bile duct cells, ovarian stromal cells along with the lymphoid and soft tissues were mostly negative.



Head and neck cancers, thyroid cancers, several cases of urothelial, pancreatic, colorectal and breast cancers along with few cases of squamous cell carcinoma, melanoma, testis, prostate cancers displayed weak to moderate nuclear staining. Few cases of colorectal cancers showed additional membranous immunoreactivity. Remaining cancer tissues were weakly stained or negative.

Immunofluorescence

IF Overlay: antibody (green) and anti-tubuline (red)

IF Localization: Positivity in nucleus and nucleoli.

IF Validation: The subcellular location is supported by literature

Western blot

WB Size markers (kDa): 250, 130, 95, 72, 55, 36, 28, 17, 10

WB Lanes: Marker(1), RT-4(2), U251 MG(3), Plasma(4), Liver(5), Tonsil(6)

WB Target weight (kDa): 270.2, 259.0, 258.6, 116.3, 103.9, 64.1, 64.0, 63.0, 23.5, 20.0, 19.3, 14.4, 9.9, 6.5

WB Validation: Supportive (Single band corresponding to the predicted size in kDa (+/-20%))

