

**SMRTE rabbit pAb****Cat#: orb770950 (Manual)**

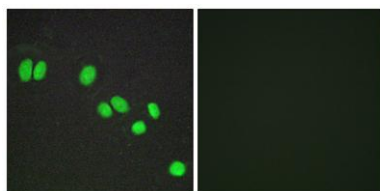
For research use only. Not intended for diagnostic use.

<b>Product Name</b>	SMRTE rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:500-2000 Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NCOR2. AA range:511-560
<b>Specificity</b>	SMRTE Polyclonal Antibody detects endogenous levels of SMRTE protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Nuclear receptor corepressor 2
<b>Gene Name</b>	NCOR2
<b>Cellular localization</b>	Nucleus.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

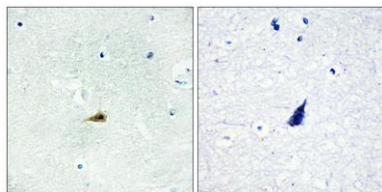
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	270kD
<b>Human Gene ID</b>	9612
<b>Human Swiss-Prot Number</b>	Q9Y618
<b>Alternative Names</b>	NCOR2; CTG26; Nuclear receptor corepressor 2; N-CoR2; CTG repeat protein 26; SMAP270; Silencing mediator of retinoic acid and thyroid hormone receptor; SMRT; T3 receptor-associating factor; TRAC; Thyroid-; retinoic-acid-receptor-associated

**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.[provided by RefSeq, Apr 2011],



**Immunofluorescence analysis of A549 cells, using NCOR2 Antibody. The picture on the right is blocked with the synthesized peptide.**



**Immunohistochemistry analysis of paraffin-embedded human brain tissue, using NCOR2 Antibody. The picture on the right is blocked with the synthesized peptide.**