

Rabbit anti-Human SMRT Polyclonal Antibody | anti-SMRT antibody

Rabbit anti-SMRT Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220537	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SMRT; Polyclonal Antibody; Rabbit anti-SMRT Antibody; CTG26; Nuclear receptor corepressor 2; N-CoR2; CTG repeat protein 26; SMAP270; Silencing mediator of retinoic acid and thyroid hormone receptor; T3 receptor-associating factor; TRAC; Thyroid-; retinoic-acid-receptor-associated corepressor; anti-SMRT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-SMRT antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SMRT. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



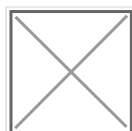
IF (Immunofluorescence)

Immunofluorescent analysis of SMRT staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary 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 room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of SMRT staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature 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.



WB (Western Blot)

Western blot analysis of SMRT expression in HeLa (A), HEK293T (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SMRT antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	331284176
NCBI GeneID	9612
NCBI Accession #	NP_001070729.2
NCBI GenBank Nucleotide #	NM_001077261.3
UniProt Accession #	Q9Y618; O00613; O15416; O15421; Q13354; Q56D06; Q59GM0; Q9Y5U0
Molecular Weight	274,804 Da
NCBI Official Full Name	nuclear receptor corepressor 2 isoform 2
NCBI Official Synonym Full Names	nuclear receptor corepressor 2
NCBI Official Symbol	NCOR2
NCBI Official Synonym Symbols	SMRT; TRAC; CTG26; SMRTE; TRAC1; N-CoR2; TNRC14; TRAC-1; SMAP270; SMRTE-tau
NCBI Protein Information	nuclear receptor corepressor 2; CTG repeat protein 26; T3 receptor-associating factor; thyroid-, retinoic-acid-receptor-associated corepressor; silencing mediator for retinoid and thyroid hormone receptors
UniProt Protein Name	Nuclear receptor corepressor 2
UniProt Gene Name	NCOR2
UniProt Synonym Gene Names	CTG26; N-CoR2; SMRT; TRAC
UniProt Entry Name	NCOR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/smrt-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/220537>