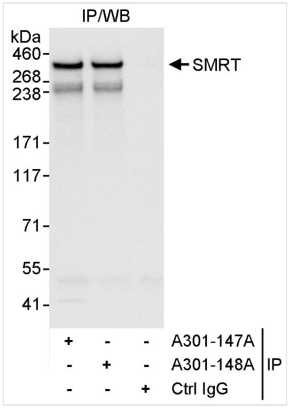
SMRT Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SMRT, Polyclonal Antibody
Full Product Name	Rabbit anti-SMRT Antibody, Affinity Purified
Product Gene Name	anti-SMRT antibody
Product Synonym Gene Name	NCOR2
Product Synonym Names	TNRC14; TRAC-1; TRAC; thyroid-, retinoic-acid-receptor-associated corepressor; T3 receptor-associating factor; SMRTE-tau; SMRTE; SMAP270; Silencing mediator of retinoic acid and thyroid hormone receptor; silencing mediator for retinoid and thyroid hormone receptors; nuclear receptor corepressor 2; CTG repeat protein 26; N-CoR2; CTG26; SMRT; TRAC1; Nuclear receptor corepressor 2; nuclear receptor corepressor 2
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Purity/Purification	Antigen Affinity Purified
Concentration	1000ug/ml (lot specific)
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt
OMIM	600848
3D Structure	ModBase 3D Structure for Q9Y618
Immunogen	Between 1925 and 1975
Conjugation	Unconjugated
Product Categories/Family for anti-SMRT antibody	Primary Antibodies
Applications Tested/Suitable for anti-SMRT antibody	Immunoprecipitation (IP)
Application Notes for anti-SMRT antibody	IP: 6ug/mg lysate
Related Product Information for anti-SMRT antibody	SMRT (silencing mediator of retinoid and thyroid hormone receptor) mediates gene repression by interacting with nuclear receptors such as the thyroid hormone receptor, retinoic acid receptor, progesterone receptor, androgen receptor, estrogen receptor, and glucocorticoids receptor. SMRT mediates repression by associating with SIN3A/B and the histone deacetylases, HDAC1 and HDAC2, and promoting the formation of repressive chromatin structures.
Other Notes	Small volumes of anti-SMRT antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SMRT purchase	MBS3901664 is an antibody targeting SMRT. Also known as Rabbit anti-SMRT Antibody, Affinity Purified. Reactive in Human. Host: Rabbit.



Immunoprecipitation (IP) of anti-SMRT antibody
Detection of human SMRT by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-SMRT antibody MBS3901664 used for IP at 3 ug/mg lysate. SMRT was also immunoprecipitated by rabbit anti-SMRT antibody A301-147, which recognizes an upstream epitope. For blotting immunoprecipitated SMRT, MBS3901663 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SMRT. It may not necessarily be applicable to this product.

NCBI GeneID	9612
NCBI Accession #	AAD20946.1
UniProt Primary Accession #	Q9Y618
UniProt Protein Name	Nuclear receptor corepressor 2
UniProt Synonym Protein Names	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 corepressor
Protein Family	Nuclear receptor corepressor
UniProt Gene Name	NCOR2
UniProt Synonym Gene Names	CTG26; N-CoR2; SMRT; TRAC
UniProt Entry Name	NCOR2_HUMAN
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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