

Rabbit anti-Human Small nuclear ribonucleoprotein G Polyclonal Antibody | anti-SNRPG antibody

Rabbit anti-human Small nuclear ribonucleoprotein G polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA81407	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

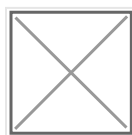
PRODUCT SYNONYMS

Small nuclear ribonucleoprotein G; Polyclonal Antibody; Rabbit anti-human Small nuclear ribonucleoprotein G polyclonal Antibody; snRNP-G; Sm protein G; Sm-G; SmG; anti-SNRPG antibody

PRODUCT SPECIFICATIONS

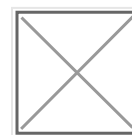
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	76
Applicable Applications for anti-SNRPG antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Small nuclear ribonucleoprotein G protein
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



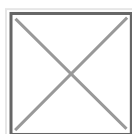
IHC (Immunohistochemistry)

Immunofluorescent analysis of Hela cells using AAA81407 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human mammary gland using 01535A0Rb at dilution of 1:50



WB (Western Blot)

All lanes: Small nuclear ribonucleoprotein G antibody at 2ug/ml Lane 1: EC109 whole cell lysate Lane 2: 293T whole cell lysate Secondary Goat polyclonal to Rabbit IgG at 1/15000 dilution Predicted band size: 8.4 kDa Observed band size: 36 kDa Additional bands at: 80kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SNRPG antibody	Appears to function in the U7 snRNP complex that is involved in histone 3'-end processing. Associated with snRNP U1, U2, U4/U6 and U5. Component of the heptameric ring U7 snRNP complex, or U7 Sm protein core complex, at least composed of LSM10, LSM11, SNRPB, SNRPD3, SNRPE, SNRPF, SNRPG and U7 snRNA. Formation of the U7 snRNP is an ATP-dependent process mediated by a specialized SMN complex containing at least the Sm protein core complex and additionally, the U7-specific LSM10 and LSM11 proteins. Identified in the spliceosome C complex. Component of the U11/U12 snRNPs that are part of the U12-type spliceosome. Interacts with TACC1.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507133
NCBI GeneID	6637
NCBI Accession #	NP_003087.1
NCBI GenBank Nucleotide #	NM_003096.3
UniProt Accession #	P62308; Q15357; Q6IB86; D6W5G6
Molecular Weight	8,496 Da
NCBI Official Full Name	small nuclear ribonucleoprotein G isoform a
NCBI Official Synonym Full Names	small nuclear ribonucleoprotein polypeptide G
NCBI Official Symbol	SNRPG
NCBI Official Synonym Symbols	SMG; Sm-G
NCBI Protein Information	small nuclear ribonucleoprotein G
UniProt Protein Name	Small nuclear ribonucleoprotein G
UniProt Gene Name	SNRPG
UniProt Synonym Gene Names	PBSCG; snRNP-G; Sm-G; SmG
UniProt Entry Name	RUXG_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.