

Datasheet for ABIN7169869
anti-SNRPG antibody (AA 1-76)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	SNRPG
Binding Specificity:	AA 1-76
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNRPG antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Small nuclear ribonucleoprotein G protein (1-76AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SNRPG
Alternative Name:	SNRPG (SNRPG Products)
Background:	Background: 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

Target Details

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.

Aliases: MGC117317 antibody, RUXG_HUMAN antibody, Sm protein G antibody, Sm-G antibody, Small nuclear ribonucleoprotein G antibody, Small nuclear ribonucleoprotein polypeptide G antibody, SmG antibody, snRNP-G antibody, SNRPG antibody

UniProt: [P62308](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

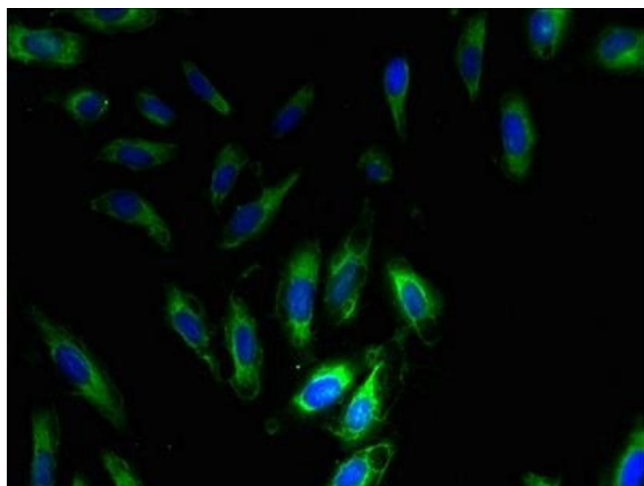
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

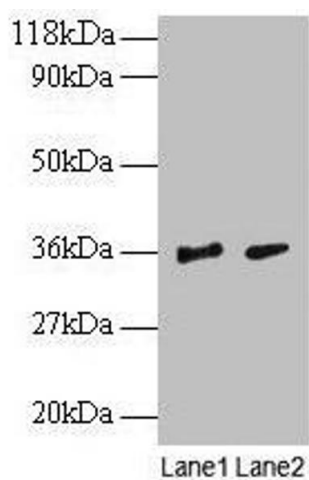
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



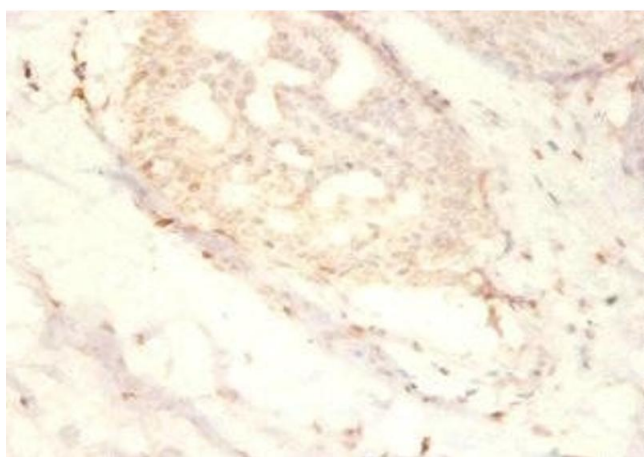
Immunofluorescence

Image 1. Immunofluorescent analysis of HeLa cells using ABIN7169869 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western blot All lanes: SNRPG antibody at 2 μ g/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: 9 kDa Observed band size: 36 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human mammary gland tissue using ABIN7169869 at dilution of 1:50