ARG56347
anti-SNRPD2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SNRPD2
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SNRPD2
Species	Human
Immunogen	Recombinant protein of Human SNRPD2
Conjugation	Un-conjugated
Alternate Names	Small nuclear ribonucleoprotein Sm D2; Sm-D2; SNRPD1; SMD2; snRNP core protein D2

Application Instructions

Application table

Application	Dilution
IHC-P	1:50 - 1:200
WB	1:500 - 1:2000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Positive Control: HL-60

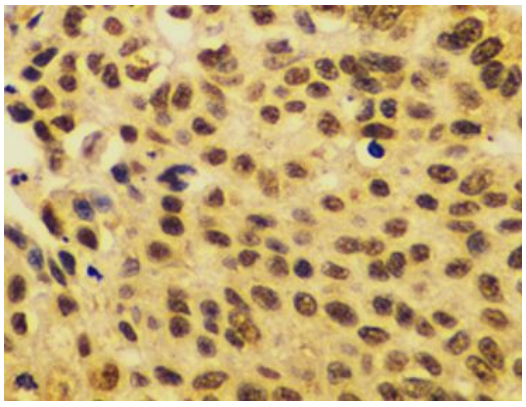
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

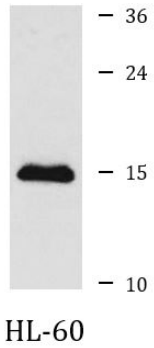
Database links	GeneID: 107686 Mouse GeneID: 6633 Human Swiss-port # P62316 Human Swiss-port # P62317 Mouse
Gene Symbol	SNRPD2
Gene Full Name	small nuclear ribonucleoprotein D2 polypeptide 16.5kDa
Background	The protein encoded by this gene belongs to the small nuclear ribonucleoprotein core protein family. It is required for pre-mRNA splicing and small nuclear ribonucleoprotein biogenesis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2009]
Function	Core component of the spliceosomal U1, U2, U4 and U5 small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome. Thereby, plays an important role in the splicing of cellular pre-mRNAs. Most spliceosomal snRNPs contain a common set of Sm proteins SNRPB, SNRPD1, SNRPD2, SNRPD3, SNRPE, SNRPF and SNRPG that assemble in an heptameric protein ring on the Sm site of the small nuclear RNA to form the core snRNP. [UniProt]
Calculated Mw	14 kDa

Images



ARG56347 anti-SNRPD2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung cancer stained with ARG56347 anti-SNRPD2 antibody at 1:100 dilution.



ARG56347 anti-SNRPD2 antibody WB image

Western blot: HL-60 cell lysate stained with ARG56347 anti-SNRPD2 antibody.