

NOP56 Polyclonal Antibody
Catalog # AP73968**Specification**

NOP56 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	O00567
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

NOP56 Polyclonal Antibody - Additional Information**Gene ID** 10528**Other Names**

Nucleolar protein 56 (Nucleolar protein 5A)

Dilution

WB~~WB 1:500-2000, ELISA 1:10000-20000

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

NOP56 Polyclonal Antibody - Protein Information**Name** NOP56 ([HGNC:15911](#))**Synonyms** NOL5A**Function**

Involved in the early to middle stages of 60S ribosomal subunit biogenesis. Core component of box C/D small nucleolar ribonucleoprotein (snoRNP) particles. Required for the biogenesis of box C/D snoRNAs such as U3, U8 and U14 snoRNAs (PubMed:12777385, PubMed:15574333). Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome (PubMed:34516797).

Cellular Location

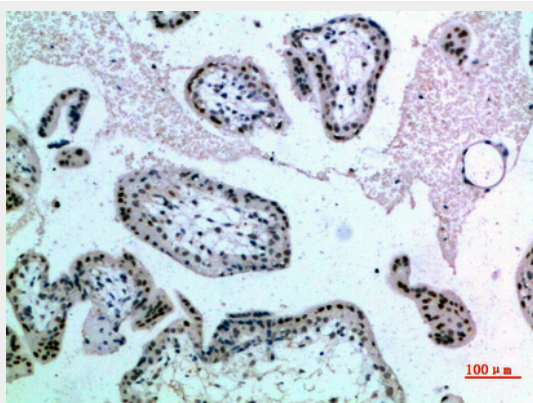
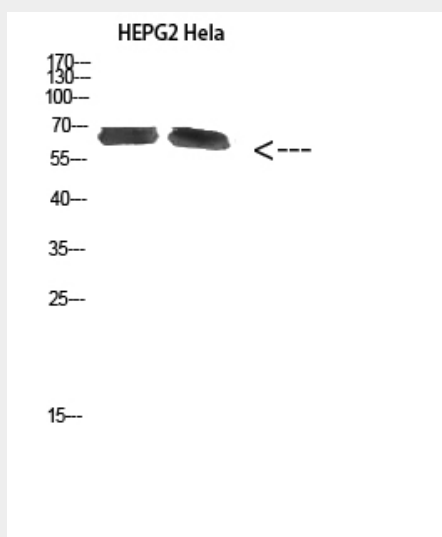
Nucleus, nucleolus. Cytoplasm {ECO:0000250|UniProtKB:Q9D6Z1} Nucleus, nucleoplasm

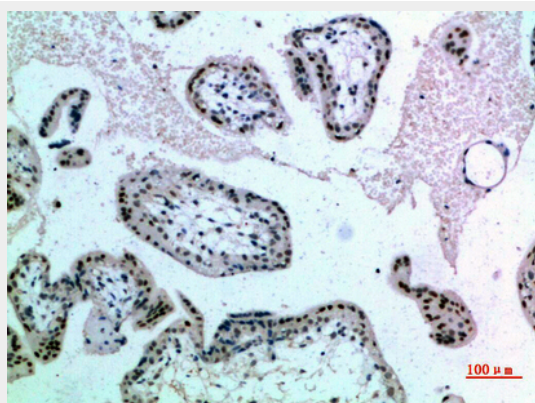
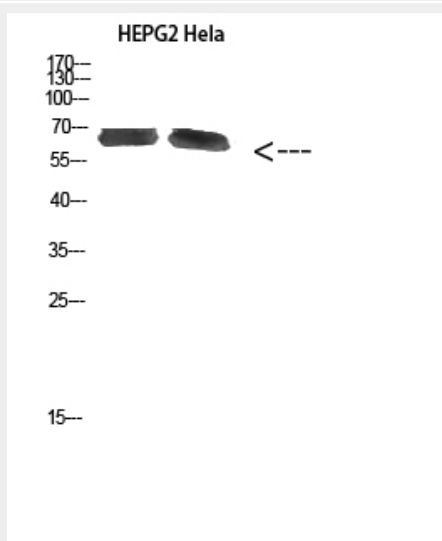
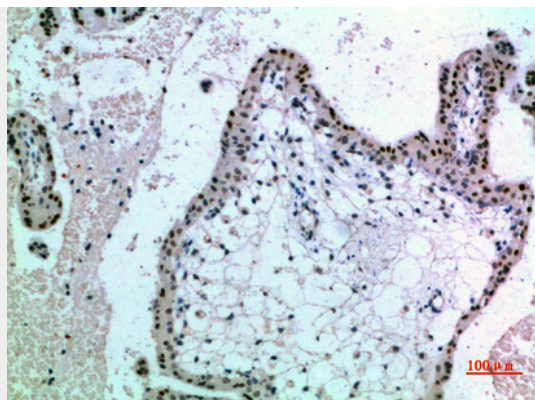
NOP56 Polyclonal Antibody - Protocols

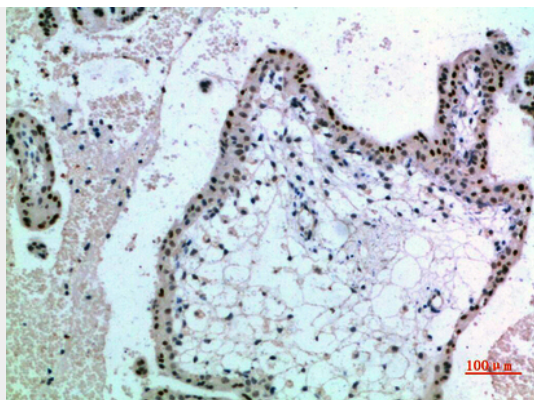
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NOP56 Polyclonal Antibody - Images







NOP56 Polyclonal Antibody - Background

Involved in the early to middle stages of 60S ribosomal subunit biogenesis. Core component of box C/D small nucleolar ribonucleoprotein (snoRNP) particles. Required for the biogenesis of box C/D snoRNAs such as U3, U8 and U14 snoRNAs.