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DDX56 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55476

Specification

DDX56 Polyclonal Antibody - Product Information

Application	**IHC-P, IHC-F, IF, ICC, E**
Primary Accession	Q9NY93
Reactivity	**Rat, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**61590**

DDX56 Polyclonal Antibody - Additional Information

Gene ID 54606

Other Names
Probable ATP-dependent RNA helicase DDX56, 3.6.4.13, ATP-dependent 61 kDa nucleolar RNA helicase, DEAD box protein 21, DEAD box protein 56, DDX56, DDX21, NOH61

Dilution
IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

DDX56 Polyclonal Antibody - Protein Information

Name DDX56

Synonyms DDX21, NOH61

Function
Nucleolar RNA helicase that plays a role in various biological processes including innate immunity, ribosome biogenesis or nucleolus organization (PubMed:31340999, PubMed:33789112). Plays an essential role in maintaining nucleolar integrity in planarian stem cells (PubMed:33789112). Maintains embryonic stem cells proliferation by conventional regulation of ribosome assembly and

interaction with OCT4 and POU5F1 complex (By similarity). Regulates antiviral innate immunity by inhibiting the virus-triggered signaling nuclear translocation of IRF3 (PubMed:31340999). Mechanistically, acts by disrupting the interaction between IRF3 and importin IPO5 (PubMed:31340999). May play a role in later stages of the processing of the pre-ribosomal particles leading to mature 60S ribosomal subunits. Has intrinsic ATPase activity.

Cellular Location
Nucleus, nucleolus

Tissue Location
Detected in heart, brain, liver, pancreas, placenta and lung

DDX56 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 Cytomety
- Cell Culture

DDX56 Polyclonal Antibody - Images