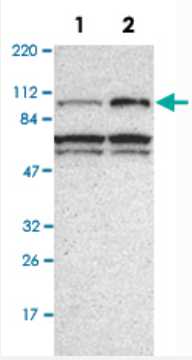
# DDX20 polyclonal antibody

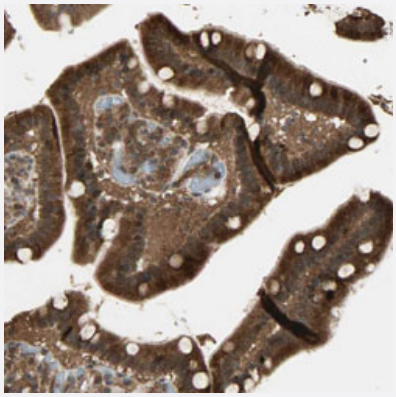
Catalog # PAB30738 Size 100 uL

## Applications




### Western Blot (Cell lysate)

Western Blot analysis of Lane 1: RT-4 and Lane 2: U-251MG sp cell lysates with DDX20 polyclonal antibody (Cat # PAB30738).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human duodenum with DDX20 polyclonal antibody (Cat # PAB30738) shows strong cytoplasmic positivity in glandular cells.

## Specification

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| **Product Description** | Rabbit polyclonal antibody raised against partial recombinant human DDX20. |
| **Immunogen** | Recombinant protein corresponding to human DDX20. |
| **Sequence** | MAKLKHFHCRVLISTDLTSRGIDAEKVNLVVNLDVPLDWETYMHRIGRAGRFGTLGLTVTYCCRGE EENMMMRIAQKCNINLLPLPDPIPSGLMEECVDWDVEVKAAVHTYGIASVPNQPLKKQIQKIERTL QIQKAHGDH |
| **Host** | Rabbit |
| **Reactivity** | Human |

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| **Form** | Liquid |
| **Purification** | Antigen affinity purification |
| **Isotype** | IgG |
| **Recommend Usage** | Immunofluorescence (1-4 ug/mL)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50)<br>Western Blot (1:100-1:250)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide). |
| **Storage Instruction** | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

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## Gene Info — DDX20

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|---|---|
| **Entrez GeneID** | 11218 |
| **Protein Accession#** | Q9UHI6 |
| **Gene Name** | DDX20 |
| **Gene Alias** | DKFZp434H052, DP103, GEMIN3 |
| **Gene Description** | DEAD (Asp-Glu-Ala-Asp) box polypeptide 20 |
| **Omim ID** | 606168 |
| **Gene Ontology** | Hyperlink |

| | |
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| **Gene Summary** | DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosom e and spliceosome assembly. Based on their distribution patterns, some members of this family a re believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which has an ATPase activity and is a component of the survival of motor neurons (SMN) complex. This protein interacts directly with SMN, the spinal mus cular atrophy gene product, and may play a catalytic role in the function of the SMN complex on R NPs. [provided by RefSeq |
| **Other Designations** | DEAD-box protein DP103\|DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 20, 103kD\|OTTHUM P00000013738\|SMN-interacting protein |

## Disease

- Adenocarcinoma
- Carcinoma
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Kidney Neoplasms
- Neoplasm Recurrence
- Neoplasms
- Urinary Bladder Neoplasms