

DDX5 Rabbit Polyclonal Antibody



CAB13294

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

69kDa

Calculated MW:

60kDa/69kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

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 ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which is a RNA-dependent ATPase, and also a proliferation-associated nuclear antigen, specifically reacting with the simian virus 40 tumor antigen. Alternative splicing results in multiple transcript variants.

Immunogen information

Gene ID:

1655

Uniprot

P17844

Synonyms:

DDX5; G17P1; HLR1; HUMP68; p68

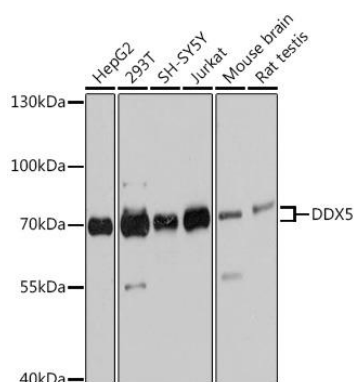
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-614 of human DDX5 (NP_004387.1).

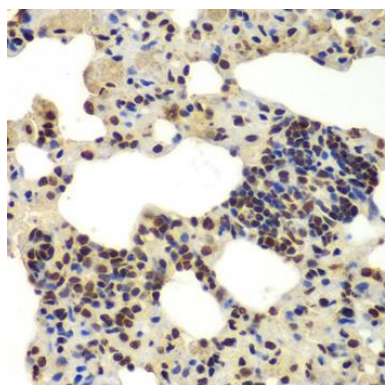
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

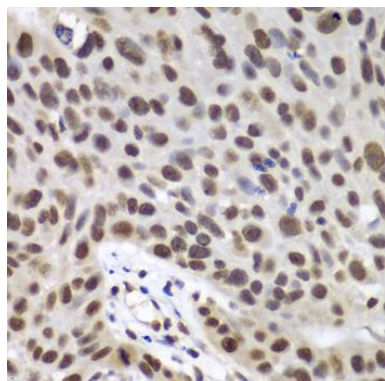
Product Images



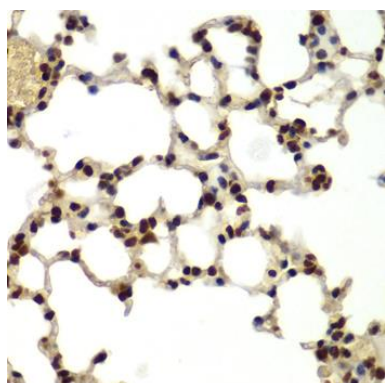
Western blot analysis of extracts of various cell lines, using DDX5 antibody (CAB13294) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.



Immunohistochemistry of paraffin-embedded rat lung using DDX5 antibody (CAB13294) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human lung cancer using DDX5 antibody (CAB13294) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse lung using DDX5 antibody (CAB13294) at dilution of 1:100 (40x lens).