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Datasheet for ABIN2775254

anti-DDX31 antibody (N-Term)

1 Image

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 100 µL |
| Target: | DDX31 |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Mouse, Rat, Guinea Pig |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This DDX31 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human DDX31 |
| Sequence: | QASSEAPPAK RRNETSFLPA KKTSVKETQR TFKGNAQKMF SPKKHSVSTS |
| Predicted Reactivity: | Guinea Pig: 83%, Human: 100%, Mouse: 86%, Rat: 93% |
| Characteristics: | This is a rabbit polyclonal antibody against DDX31. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Protein A purified |

Target Details

| | |
|-------------------|--|
| Target: | DDX31 |
| Alternative Name: | DDX31 (DDX31 Products) |

Target Details

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 DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. DDX31 is a member of this family. The function of this member has not been determined. Alternative splicing of this gene generates 2 transcript variants.

Alias Symbols: PPP1R25

Protein Interaction Partner: UBC, RNF2, PPP1CA, WHSC1, DDX24, CAND1, SIRT7,

Protein Size: 585

Molecular Weight: 64 kDa

Gene ID: 64794

NCBI Accession: [NM_138620](#), [NP_619526](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 585 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

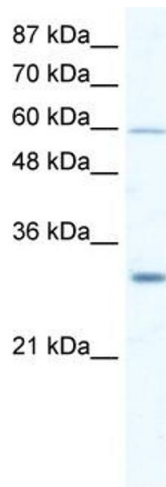
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-DDX31 Antibody Titration:
2.5ug/ml ELISA Titer: 1:1562500 Positive Control: Jurkat cell lysate