

## Product datasheet for **TA342325**

### Ddx20 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Ddx20 antibody: synthetic peptide directed towards the N terminal of human Ddx20. Synthetic peptide located within the following region: RRPIPARSRLVMLPKVETEAPGLVRSHGEGQMPENMQVSQFKMVNYSYD
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	92 kDa
Gene Name:	DEAD (Asp-Glu-Ala-Asp) box polypeptide 20
Database Link:	<a href="#">NP_059093</a> <a href="#">Entrez Gene 53975 Mouse</a> <a href="#">Q9JJY4</a>



[View online »](#)

**Background:**

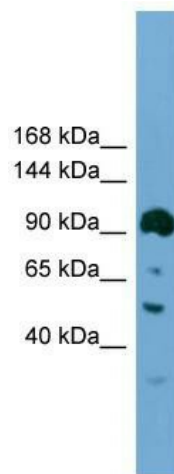
The SMN complex plays a catalyst role in the assembly of small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome. Thereby, plays an important role in the splicing of cellular pre-mRNAs. Most spliceosomal snRNPs contain a common set of Sm proteins SNRPB, SNRPD1, SNRPD2, SNRPD3, SNRPE, SNRPF and SNRPG that assemble in a heptameric protein ring on the Sm site of the small nuclear RNA to form the core snRNP. In the cytosol, the Sm proteins SNRPD1, SNRPD2, SNRPE, SNRPF and SNRPG are trapped in an inactive 6S pICln-Sm complex by the chaperone CLNS1A that controls the assembly of the core snRNP. Dissociation by the SMN complex of CLNS1A from the trapped Sm proteins and their transfer to an SMN-Sm complex triggers the assembly of core snRNPs and their transport to the nucleus. May also play a role in the metabolism of small nucleolar ribonucleoprotein (snoRNPs).

**Synonyms:**

DKFZp434H052; DP103; Gemin-3; GEMIN3

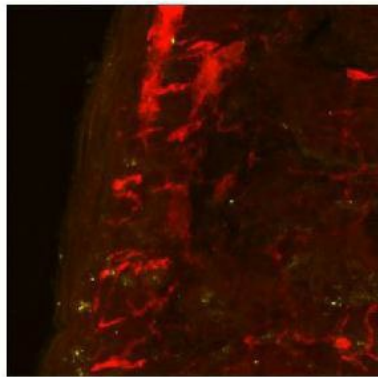
**Note:**

Immunogen Sequence Homology: Mouse: 100%; Rat: 86%

**Product images:**

WB Suggested Anti-Ddx20 Antibody Titration: 0.2-1 ug/ml; Positive Control: NIH/3T3 cell lysate

Ddx20



Green: Ddx20 antibody  
Red: Neural crest cells

Sample Type. Mouse Gut Tissue TgWnt1-Cre/+  
Ednrbflex3/+ Rosa26YFPStop/YFPStopPrimary  
Antibody Dilution. 1:50Secondary Antibody. Goat  
anti-rabbit-cy3Secondary Antibody Dilution.  
1:1500Color/Signal Descriptions. Ddx20: Green  
Neural crest cells:: RedGen