

## **Product datasheet for TA362657**

# OriGene Technologies, Inc.

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### **Gemin 3 (DDX20) Rabbit Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

**Immunogen:** The immunogen is a synthetic peptide directed towards the middle terminal region of human

DDX20

**Specificity: Expected reactivity**: Human

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

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

Purification: Affinity purified
Conjugation: Unconjugated

**Storage:** 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.

**Stability:** Shelf life: one year from despatch.

Predicted Protein Size: 90 kDa

Gene Name: DEAD-box helicase 20

Database Link: NP 009135.4

Entrez Gene 11218 Human

Q9UHI6



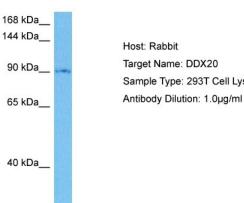
Background:

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 has an ATPase activity and is a component of the survival of motor neurons (SMN) complex. This protein interacts directly with SMN, the spinal muscular atrophy gene product, and may play a catalytic role in the function of the SMN complex on RNPs.

Synonyms: DKFZp434H052; DP103; Gemin-3; GEMIN3

**Protein Families:** Druggable Genome

#### **Product images:**



Sample Type: 293T Cell Lysate

Antibody Dilution: 1.0µg/ml

Host: Rabbit
Target Name: DDX20

Sample Tissue: Human 293T Whole Cell lysates

Antibody Dilution: 1ug/ml