

**Anti-Human DDX11 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA11944**

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3th Edition

**Description:** 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 an enzyme that possesses both ATPase and DNA helicase activities. This gene is a homolog of the yeast CHL1 gene, and may function to maintain chromosome transmission fidelity and genome stability. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

**Antigen:** Recombinant protein of human DDX11

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:** Highly expressed in spleen, B-cells, thymus, testis, ovary, small intestine, and pancreas. Very low expression seen in the brain. Expressed in dividing cells and/or cells undergoing high levels of recombination. No expression is seen in cells signaled to terminally differentiate. Expressed in keratinocyte growth factor-stimulated cells but not in serum, EGF and IL1-beta-treated keratinocytes.