

## 11-12003: Polyclonal Antibody to DDX4

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	DDX4
<b>Gene ID :</b>	54514
<b>Uniprot ID :</b>	Q9NQI0
<b>Format :</b>	Purified
<b>Alternative Name :</b>	DEAD box protein 4, Vasa homolog
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	A partial length recombinant DDX4 protein (amino acids 500-724) was used as the immunogen for this antibody.

### Description

DDX4 (DEAD (Asp-Glu-Ala-Asp) box polypeptide 4) is under DEAD box helicase family. DEAD box proteins, characterized by two domains, i.e., ATP-binding and C-terminal helicase domain. It is made up of 724 amino acids. DDX4 is also involved in embryogenesis, spermatogenesis, and cellular growth and division. DDX4 also plays a role in germ cell development and sperm motility. It has 4 isoforms due to alternative splicing. DDX4 is specifically expressed in the germ cell lineage in both sexes and functions in germ cell development.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein A Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 2-4 µg/ml

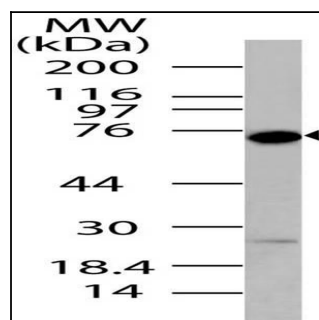


Fig-1: Western blot analysis of DDX4/Vasa. Anti-DDX4/Vasa antibody (11-12003) was used at 2 µg/ml on Hela lysate.