

11-12003: Polyclonal Antibody to DDX4

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	DDX4
Gene ID :	54514
Uniprot ID :	Q9NQI0
Format :	Purified
Alternative Name :	DEAD box protein 4, Vasa homolog
Isotype :	Rabbit IgG
Immunogen Information :	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

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	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.
Storage condition :	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

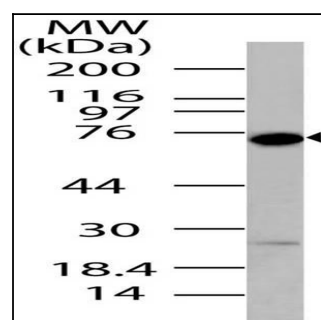
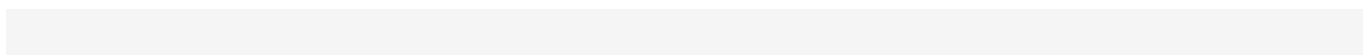


Fig-1: Western blot analysis of DDX4/Vasa. Anti-DDX4/Vasa antibody (11-12003) was used at 2 µg/ml on Hela lysate.