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Bhubaneswar, Odisha - 751024, INDIA

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 : $25 \mu g / 100 \mu g$

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

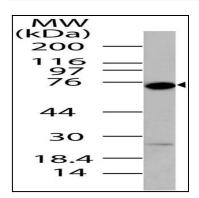


Fig-1: Western blot analysis of DDX4/Vasa. Anti-DDX4/Vasa antibody (11-12003) was used at 2 μ g/ml on Hela lysate.