# DDX4 抗体

**产品货号：** mIR3597

**英文名称：** DDX4

**中文名称：** DDX4 抗体

**别　　名：** DDX 4; DEAD (Asp Glu Ala Asp) box polypeptide 4; Dead box protein 4; Dead-box protein 4; MGC111074; MVH; Probable ATP dependent RNA helicase DDX4; VASA; VASA homolog; DDX4_HUMAN.

**研究领域：** 细胞生物　免疫学

**抗体来源：** Rabbit

**克隆类型：** Polyclonal

**交叉反应　：** Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Rabbit,

**产品应用：** IHC-P=1:400-800 IHC-F=1:400-800 （石蜡切片需做抗原修复）
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

**分 子 量：** 80kDa

**细胞定位：** 细胞浆

**性　　状：** Lyophilized or Liquid

**浓　　度：** 1mg/ml

**免 疫 原：** KLH conjugated synthetic peptide derived from human DDX4/MVH:601-700/724

**亚　　型：** IgG

**纯化方法：** affinity purified by Protein A

**储 存 液：** 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**保存条件：** Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

**PubMed：** PubMed

**产品介绍：** Summary: 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 a homolog of VASA proteins in Drosophila and several other species. The gene is specifically expressed in the germ cell lineage in both sexes and functions in germ cell development. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].

**Function:**

May play a role in germ cell development. May play a role in sperm motility.

**Subunit:**

Found in a mRNP complex, at least composed of TDRD1, TDRD6, TDRD7 and DDX4. N-terminus interacts with RANBP9. Interacts with PIWIL2 and MAEL.

**Subcellular Location:**

Cytoplasm. Cytoplasm, perinuclear region.

**Tissue Specificity:**

Expressed only in ovary and testis. Expressed in migratory primordial germ cells in the region of the gonadal ridge in both sexes.

**Similarity:**

Belongs to the DEAD box helicase family. DDX4/VASA subfamily.

Contains 1 helicase ATP-binding domain.

Contains 1 helicase C-terminal domain.

**SWISS:**

Q9NQI0

**Gene ID:**

54514

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.