

DDX4 Antibody (N-term)

Catalog_no :	AB1611
Applications :	WB
Reactivity :	H, M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:103-131
Specificity :	This DDX4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 103-131 amino acids from the N-terminal region of human DDX4.
Dilution :	WB,1:1000;WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Probable ATP-dependent RNA helicase DDX4, DEAD box protein 4, Vasa homolog, DDX4, VASA
Isotype :	Rabbit Ig
Background :	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.
reference :	Tilgner, K., et al. Stem Cells 28(1):84-92(2010) Sugimoto, K., et al. J. Hum. Genet. 54(8):450-456(2009) Hashimoto, H., et al. Gynecol. Oncol. 111(2):312-319(2008) Albamonte, M.S., et al. Hum. Reprod. 23(8):1895-1901(2008) Guo, X., et al. Asian J. An