



Rabbit Anti-Human DDX4 Polyclonal antibody (DPABH-13242)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	DDX4, VASA fusion protein, sequence: NRTPASSEMDDGPSRRDHFMKSGFASGRNFGN RDAGECNKRDNTSTMGGFGVGKSFGNR GFSNSRFEDGDSSGFWR ESSNDCEDNPTRNRGFSKRGDNDLDPDEC M QRTGGLFGSRRPV LSGTGNGDT (35-163 aa encoded by BC047455)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB, IP, IHC, ELISA
Positive Control	mouse testis tissue
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Preservative	0.1% Sodium Azide
Storage	Store at -20°C. Aliquoting is unnecessary for -20°C storage.

BACKGROUND

Introduction 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.

Keywords DDX4; DEAD (Asp-Glu-Ala-Asp) box polypeptide 4; VASA; probable ATP-dependent RNA helicase DDX4; vasa homolog; DEAD box protein 4; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 4;

GENE INFORMATION

Entrez Gene ID [54514](#)

UniProt ID [Q9NQI0](#)