

DNAxPAb

Hard-to-Find Antibody

DDX50 DNAPab

Catalog # H00079009-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DDX50 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MPGKLLWGDIMELEAPLEESESQKKERQKSDDRKSRHHYDSDEKSETRENGVTDDLDPKAKKSKMKEKLNGDTEEGFNRLSDEFSSHKSRRKDLPNGDIDEYEKSKRVSSLDTSTHKSSDNKLEETLTREQKEGAFSNFPISEETIKLLKGRGVTYLFIQVKTFGPVYEGKDIAQARTGTGKTFSFAIPLIERLQRNQETIKKSRSPKVLVLPAPTRELANQVAKDFKDITRKL SVACFYGGTSYQSQINHIRNGIDILVGTPGRIKDHLQSGRLDSLKRHVVLDEVDAQMLDLGFAEQVEDIIHESYKTDSEDNPQTLLFSATCPQWVYKVAKKYMKSRYE QVDLVGKM TQKAATTVEHLAIQCHWSQRPAVIGDVLQVYS GSEGRAIF CETKKNVTEMAMNPHIKQNAQCLHGDIASQREITLKGFREGSF KVL VATNVAARGLDIPEVDLVIQSSPPQDVESIHRSGRTGRAGRTGICIFYQPRERGQLRYVEQKAGITFKRVGVPSTM DLVKS KSMDAIRSLASVS YA AVDFFRPSAQRLIEEKGA VDALAAALAHISGASSFE PRSLITSDKG FVTMTLESLEEIQDVSCAWKELNRKLSSNAV SQITRMCLLG NMGVCFDVPTTESERLQA EWHDS DWILSVPAKLPEIEEYYDGNTSSNSRQRS GWSSGRSGRS GRSGRSGRSQSRQGSRSGSRQDGRRRSGGNRNRSRSGGHKRSFD
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — DDX50

Entrez GeneID [79009](#)

GeneBank Accession# [NM_024045.1](#)

Protein Accession# [NP_076950.1](#)

Gene Name DDX50

Gene Alias GU2, GUB, MGC3199, RH-II/GuB

Gene Description DEAD (Asp-Glu-Ala-Asp) box polypeptide 50

Omim ID [610373](#)

Gene Ontology [Hyperlink](#)

Gene 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 DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box enzyme that may be involved in ribosomal RNA synthesis or processing. This gene and DDX21, also called RH-II/GuA, have similar genomic structures and are in tandem orientation on chromosome 10, suggesting that the two genes arose by gene duplication in evolution. This gene has pseudogenes on chromosomes 2, 3 and 4. Alternative splicing of this gene generates multiple transcript variants, but the full length nature of all the other variants but one has not been defined. [provided by RefSeq]

Other Designations OTTHUMP00000019711|RNA helicase II/Gu beta|nucleolar protein GU2