

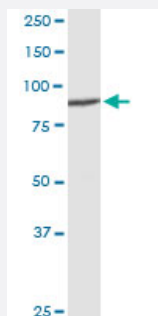
MaxPab®

DDX50 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00079009-D01P

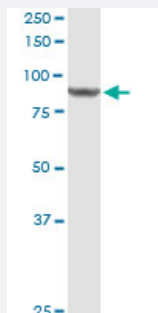
Size 100 ug

Applications



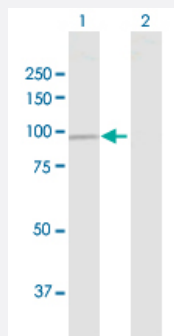
Western Blot (Tissue lysate)

DDX50 MaxPab rabbit polyclonal antibody. Western Blot analysis of DDX50 expression in human kidney.



Western Blot (Cell lysate)

DDX50 MaxPab rabbit polyclonal antibody. Western Blot analysis of DDX50 expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of DDX50 expression in transfected 293T cell line ([H00079009-T01](#)) by DDX50 MaxPab polyclonal antibody.

Lane 1: DDX50 transfected lysate(82.60 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human DDX50 protein.

Immunogen	DDX50 (NP_076950.1, 1 a.a. ~ 737 a.a) full-length human protein.
Sequence	MPGKLLWGDIMELEAPLEESESQKKERQKSDRRKSRHHYDSDEKSETRENGVTDDLDPKAKK SKMKEKLNGDTEEGFNRLSDEFSSHKSRRKDLPNGDIDEYEKKSkrvSSLDTSTHKSSDNKLE ETLTREQKEGAFSNFPISEETIKLLKGRGVTYLFPIQVKTFGPVYEGKDIAQARTGTGKTFSFAIPLI ERLQRNQETIKKSRSPKVLVLAPTRELANQVAKDFKDITRKLsvACFYGGTSYQSqINHIRNGIDILV GTPGRIKDHLQSGRLDLSKLRHVVLDEVdQMldLGFAEQVEDIIHESyKTDSEDNPQTLLFSATCP QWVYKVAKKYMksRYEqVDLVgKMtQKAATTVEHLAIqCHWSQRPAViGdVLQVysGSEGRAIF CETkKNVTEMAMNPHIkQNAQCLHGDIASQREITLKGFREGSFkVLvatnVAARGLDiPEVDLVI QSSPPQDVESIHRSGRTGRAGRTGICICfYQPRERGQLryVEQAgITFKRVGVPSTMDLVKSKS MDAIRSLASVSyaAVDFFRPsaQRLIEEKGAVDALAAALAHISGASSFEPRSLITSDKGfVTMTLE SLEEIQDVSCAWKELNRKLSSNAVsqITRMCLLKGNMGVCFDVPTTESERlQAeWHDSdwILSV PAKLPEIEEYDGNTSSNSRQRSGWSSGRSGRSGRSGGRSGGRSGRQSRQGSRSGSRQDGRR RSGNRNRSRSGGHKRsfD
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (95)
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 (Tissue lysate)

DDX50 MaxPab rabbit polyclonal antibody. Western Blot analysis of DDX50 expression in human kidney.

Protocol Download

- Western Blot (Cell lysate)

DDX50 MaxPab rabbit polyclonal antibody. Western Blot analysis of DDX50 expression in HeLa.

Protocol Download

- Western Blot (Transfected lysate)

Western Blot analysis of DDX50 expression in transfected 293T cell line ([H00079009-T01](#)) by DDX50 MaxPab polyclonal antibody.

Lane 1: DDX50 transfected lysate(82.60 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

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