
Product Information

Product SKU:	CAB6576	Gene ID:	51428	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	72kDa	Conjugate:	Unconjugated
Calculated MW:	70kDa	Isotype:	IgG

Immunogen Information

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 the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The protein encoded by this gene is a member of the DEAD box protein family and interacts with several spliceosomal proteins. In addition, the encoded protein may recognize the bacterial second messengers cyclic di-GMP and cyclic di-AMP, resulting in the induction of genes involved in the innate immune response.
Recommended Dilution:	WB:1:500 - 1:1000 IHC-P:1:50 - 1:200 IF/ICC:1:50 - 1:100 IP:0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
Synonyms:	ABS; MPLPF; DDX41
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human DDX41 (NP_057306.2).
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.