

## ARG64294 anti-DBP5 / DDX19 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes DBP5 / DDX19
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog
Tested Application	WB
Specificity	This antibody is expected to recognise DDX19A (NP_060802.1) and all reported isoforms of DDX19B (NP_009173.1, NP_001014451.1 and NP_001014449.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	DBP5 / DDX19
Immunogen	C-DLPVDKDGNDNETY
Conjugation	Un-conjugated
Alternate Names	DEAD box protein 19B; DDX19; EC 3.6.4.13; RNAh; DBP5; DEAD box RNA helicase DEAD5; ATP-dependent RNA helicase DDX19B

### Application Instructions

Application table	Application	Dilution
	WB	0.5 - 1.5 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

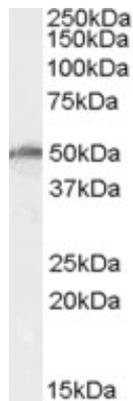
Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links	<a href="#">GeneID: 11269 Human</a> <a href="#">Swiss-port # Q9UMR2 Human</a>
Gene Symbol	DDX19B
Gene Full Name	DEAD (Asp-Glu-Ala-Asp) box polypeptide 19B
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 exhibits RNA-dependent ATPase and ATP-dependent RNA-unwinding activities. This protein is recruited to the cytoplasmic fibrils of the nuclear pore complex, where it participates in the export of mRNA from the nucleus. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Function	ATP-dependent RNA helicase involved in mRNA export from the nucleus. Rather than unwinding RNA duplexes, DDX19B functions as a remodeler of ribonucleoprotein particles, whereby proteins bound to nuclear mRNA are dissociated and replaced by cytoplasmic mRNA binding proteins. [UniProt]
Research Area	Signaling Transduction antibody
Calculated Mw	54 kDa

## Images



ARG64294 anti-DBP5 / DDX19 antibody WB image

Western Blot: K562 cell lysate (35 µg protein in RIPA buffer) stained with ARG64294 anti-DBP5 / DDX19 antibody at 0.5 µg/ml dilution.