

## ARG63911 anti-DDX6 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes DDX6
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	DDX6
Species	Human
Immunogen	C-AEYHSEPVDEKPK
Conjugation	Un-conjugated
Alternate Names	Probable ATP-dependent RNA helicase DDX6; DEAD box protein 6; Oncogene RCK; ATP-dependent RNA helicase p54; EC 3.6.4.13; RCK; P54; HLR2

### Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * 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.

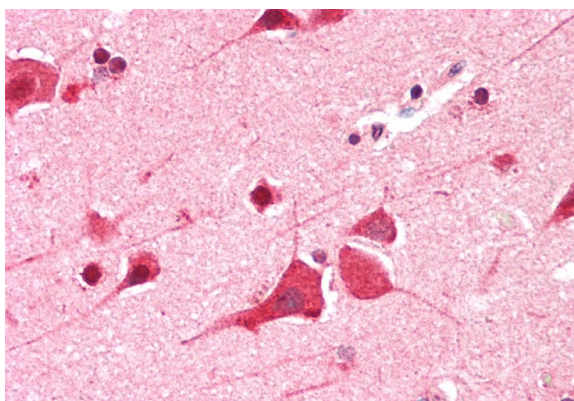
Note

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

## Bioinformation

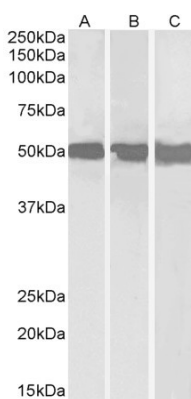
Database links	<a href="#">GeneID: 1656 Human</a> <a href="#">Swiss-port # P26196 Human</a>
Gene Symbol	DDX6
Gene Full Name	DEAD-box helicase 6
Background	This gene encodes a member of the DEAD box protein family. The protein is an RNA helicase found in P-bodies and stress granules, and functions in translation suppression and mRNA degradation. It is required for microRNA-induced gene silencing. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Mar 2012]
Function	In the process of mRNA degradation, plays a role in mRNA decapping (PubMed:16364915). Blocks autophagy in nutrient-rich conditions by repressing the expression of ATG-related genes through degradation of their transcripts (PubMed:26098573). [UniProt]
Research Area	Gene Regulation antibody
Calculated Mw	54 kDa
PTM	Sumoylated (PubMed:26184334).

## Images



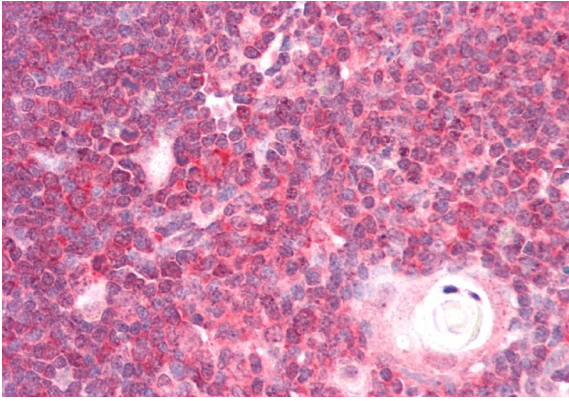
ARG63911 anti-DDX6 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cortex tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63911 anti-DDX6 antibody at 5 µg/ml dilution followed by AP-staining.



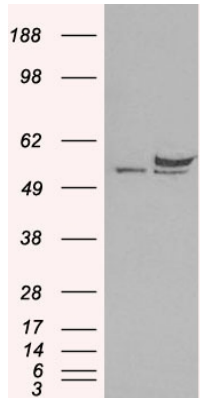
ARG63911 anti-DDX6 antibody WB image

Western blot: 35 µg of Daudi (A), Jurkat (B) and HepG2 (C) lysates (in RIPA buffer) stained with ARG63911 anti-DDX6 antibody at 0.3 µg/ml dilution and incubated at RT for 1 hour.



ARG63911 anti-DDX6 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human thymus tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63911 anti-DDX6 antibody at 5  $\mu\text{g}/\text{ml}$  dilution followed by AP-staining.



ARG63911 anti-DDX6 antibody WB image

Western blot: 1) Mock transfection and 2) Human DDX6 (RC209431) expressing plasmid transfected HEK293 cell lysate stained with ARG63911 anti-DDX6 antibody.