

## ARG40013 anti-LARP7 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes LARP7
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	LARP7
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 160-380 of Human LARP7 (NP_057732.2).
Conjugation	Un-conjugated
Alternate Names	PIP7S; ALAZS; P-TEFb-interaction protein for 7SK stability; La-related protein 7; HDCMA18P; La ribonucleoprotein domain family member 7

### Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse testis and U-87MG	
Observed Size	71 kDa	

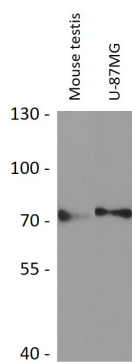
### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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

Gene Symbol	LARP7
Gene Full Name	La ribonucleoprotein domain family, member 7
Background	This gene encodes a protein which is found in the 7SK snRNP (small nuclear ribonucleoprotein). This snRNP complex inhibits a cyclin-dependent kinase, positive transcription elongation factor b, which is required for paused RNA polymerase II at a promoter to begin transcription elongation. A pseudogene of this gene is located on chromosome 3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2012]
Function	Negative transcriptional regulator of polymerase II genes, acting by means of the 7SK RNP system. Within the 7SK RNP complex, the positive transcription elongation factor b (P-TEFb) is sequestered in an inactive form, preventing RNA polymerase II phosphorylation and subsequent transcriptional elongation. [UniProt]
Calculated Mw	67 kDa
Cellular Localization	Nucleus, nucleoplasm. [UniProt]

Images



ARG40013 anti-LARP7 antibody WB image

Western blot: 25 µg of Mouse testis and U-87MG cell lysates stained with ARG40013 anti-LARP7 antibody at 1:3000 dilution.