

## ARG41182 anti-DNAJB6 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes DNAJB6
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DNAJB6
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 177-326 of Human DNAJB6 (NP_490647.1).
Conjugation	Un-conjugated
Alternate Names	LGMD1D; DJ4; Heat shock protein J2; MRJ; DnaJ homolog subfamily B member 6; HSJ-2; HHDJ1; HSJ2; LGMD1E; MSJ-1; DnaJ

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	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	Rat brain	
Observed Size	40 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.

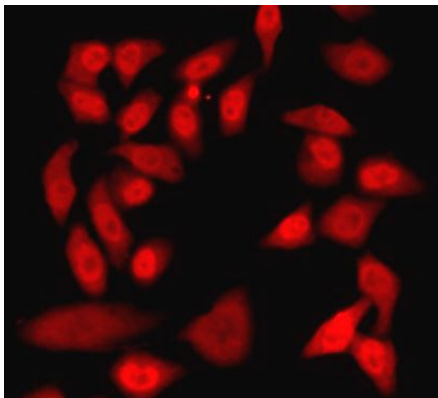
Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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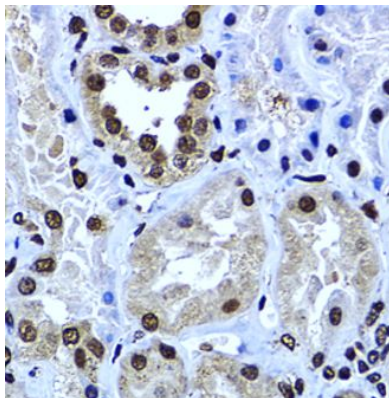
Gene Symbol	DNAJB6
Gene Full Name	DnaJ (Hsp40) homolog, subfamily B, member 6
Background	This gene encodes a member of the DNAJ protein family. DNAJ family members are characterized by a highly conserved amino acid stretch called the 'J-domain' and function as one of the two major classes of molecular chaperones involved in a wide range of cellular events, such as protein folding and oligomeric protein complex assembly. This family member may also play a role in polyglutamine aggregation in specific neurons. Alternative splicing of this gene results in multiple transcript variants; however, not all variants have been fully described. [provided by RefSeq, Jul 2008]
Function	Plays an indispensable role in the organization of KRT8/KRT18 filaments. Acts as an endogenous molecular chaperone for neuronal proteins including huntingtin. Suppresses aggregation and toxicity of polyglutamine-containing, aggregation-prone proteins. Isoform B but not isoform A inhibits huntingtin aggregation. Has a stimulatory effect on the ATPase activity of HSP70 in a dose-dependent and time-dependent manner and hence acts as a co-chaperone of HSP70. Also reduces cellular toxicity and caspase-3 activity. [UniProt]
Calculated Mw	36 kDa
Cellular Localization	Cytoplasm, perinuclear region. Nucleus. Cytoplasm, myofibril, sarcomere, Z line. [UniProt]

## Images



ARG41182 anti-DNAJB6 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG41182 anti-DNAJB6 antibody.

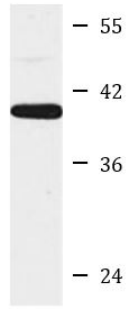


ARG41182 anti-DNAJB6 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human kidney tissue stained with ARG41182 anti-DNAJB6 antibody at 1:100 dilution.

ARG41182 anti-DNAJB6 antibody WB image

Western blot: 25 µg of Rat brain lysate stained with ARG41182 anti-DNAJB6 antibody at 1:1000 dilution.



Rat brain

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