

ARG59610 anti-HEXIM2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HEXIM2
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HEXIM2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 147-286 of Human HEXIM2 (NP_653209.1).
Conjugation	Un-conjugated
Alternate Names	Protein HEXIM2; L3; Hexamethylene bis-acetamide-inducible protein 2

Application Instructions

Application table	Application	Dilution
	WB	1:200 - 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 brain and HeLa	
Observed Size	45 kDa	

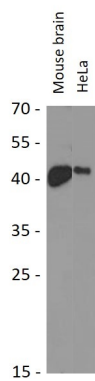
Properties

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	HEXIM2
Gene Full Name	hexamethylene bis-acetamide inducible 2
Background	This gene encodes a member of the HEXIM family of proteins. This protein is a component of the 7SK small nuclear ribonucleoprotein. This protein has been found to negatively regulate the kinase activity of the cyclin-dependent kinase P-TEFb, which phosphorylates multiple target proteins to promote transcriptional elongation. This gene is located approximately 7 kb downstream from related family member HEXIM1 on chromosome 17. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]
Function	Transcriptional regulator which functions as a general RNA polymerase II transcription inhibitor. In cooperation with 7SK snRNA sequesters P-TEFb in a large inactive 7SK snRNP complex preventing RNA polymerase II phosphorylation and subsequent transcriptional elongation. [UniProt]
Calculated Mw	32 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG59610 anti-HEXIM2 antibody WB image

Western blot: 25 µg of Mouse brain and HeLa cell lysates stained with ARG59610 anti-HEXIM2 antibody at 1:1000 dilution.