ARG42165
anti-MEX3C antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MEX3C
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MEX3C
Species	Human
Immunogen	KLH-conjugated synthetic peptide between aa. 536-564 of Human MEX3C.
Conjugation	Un-conjugated
Alternate Names	EC 6.3.2.-; MEX-3C; RNF194; RING finger and KH domain-containing protein 2; RNA-binding E3 ubiquitin-protein ligase MEX3C; BM-013; RKHD2; RING finger protein 194

Application Instructions

Application table

Application	Dilution
WB	1:1000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	MDA-MB-453
Observed Size	~ 72 kDa

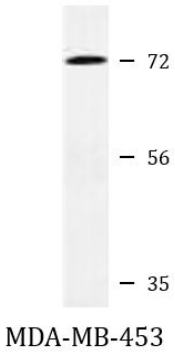
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide
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

Gene Symbol	MEX3C
Gene Full Name	mex-3 RNA binding family member C
Background	This gene encodes a member of a family of proteins with two K homology (KH) RNA-binding domains and a C-terminal RING-finger domain. The protein interacts with mRNA via the KH domains, and the protein shuttles between the nucleus and cytoplasm. Polymorphisms in this gene may contribute to hypertension. [provided by RefSeq, Oct 2009]
Function	E3 ubiquitin ligase responsible for the post-transcriptional regulation of common HLA-A allotypes. Binds to the 3' UTR of HLA-A2 mRNA, and regulates its levels by promoting mRNA decay. RNA binding is sufficient to prevent translation, but ubiquitin ligase activity is required for mRNA degradation. [UniProt]
Calculated Mw	69 kDa
Cellular Localization	Cytoplasm. Nucleus. Note=Predominantly expressed in the cytoplasm and shuttles between the cytoplasm and the nucleus through the CRM1 export pathway. May act as suppressor of replication stress and chromosome missegregation. [UniProt]

Images



ARG42165 anti-MEX3C antibody WB image

Western blot: 35 µg of MDA-MB-453 cell lysate stained with ARG42165 anti-MEX3C antibody.