

# Product datasheet

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# 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]

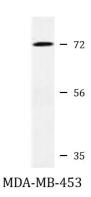
Calculated Mw 69 kDa

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  $\mu g$  of MDA-MB-453 cell lysate stained with ARG42165 anti-MEX3C antibody.