

# ARG45504 anti-ABCE1 / RNAseLinhibitor antibody

Package: 50 μg Store at: -20°C

# Summary

Product Description	Rabbit Polyclonal antibody recognizes ABCE1 / RNAseLinhibitor
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Specificity	ABCE1/ RNAse L inhibitor
Host	Rabbit
Clonality	Polyclonal
Isotype	lgG
Target Name	ABCE1 / RNAseLinhibitor
Species	Human
Immunogen	Recombinant protein containing to human ABCE1/ RNAse L inhibitor.
Conjugation	Un-conjugated
Alternate Names	RNS4I; ABC38; 2'-5'-oligoadenylate-binding protein; OABP; RNASEL1; Ribonuclease 4 inhibitor; RLI; ATP- binding cassette sub-family E member 1; HuHP68; RNase L inhibitor; RNASELI

## **Application Instructions**

Application table	Application	Dilution
	FACS	1 - 3 μg/10^6 cells
	ICC/IF	5 μg/ml
	IHC-P	2-5 μg/ml
	WB	0.25-0.5 μg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	67 kDa	

### Properties

Form	Powder
Purification	Affinity purified
Buffer	0.2% Na2HPO4, 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
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	ABCE1
Gene Full Name	ATP Binding Cassette Subfamily E Member 1
Background	The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the OABP subfamily. Alternatively referred to as the RNase L inhibitor, this protein functions to block the activity of ribonuclease L. Activation of ribonuclease L leads to inhibition of protein synthesis in the 2-5A/RNase L system, the central pathway for viral interferon action. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]
Function	Nucleoside-triphosphatase (NTPase) involved in ribosome recycling by mediating ribosome disassembly. [UniProt]
Calculated Mw	67 kDa
PTM	Isopeptide bond; Phosphoprotein; Ubl conjugation. [UniProt]
Cellular Localization	Cytoplasm; Mitochondrion. [UniProt]

### Images



#### ARG45504 anti-ABCE1 / RNAseLinhibitor antibody ICC/IF image

Immunofluorescence: Hela stained with ARG45504 anti-ABCE1 / RNAseLinhibitor antibody at 5  $\mu g/ml$  dilution.



### ARG45504 anti-ABCE1 / RNAseLinhibitor antibody WB image

Western blot: A431 stained with ARG45504 anti-ABCE1 / RNAseLinhibitor antibody at 0.5  $\mu g/ml$  dilution.



#### ARG45504 anti-ABCE1 / RNAseLinhibitor antibody FACS image

Flow Cytometry: U251 stained with ARG45504 anti-ABCE1 / RNAseLinhibitor antibody at 1  $\mu g/10^{\circ}6$  cells dilution.



#### ARG45504 anti-ABCE1 / RNAseLinhibitor antibody IHC-P image

Immunohistochemistry: Rat brain stained with ARG45504 anti-ABCE1 / RNAseLinhibitor antibody at 2  $\mu g/ml$  dilution.



#### ARG45504 anti-ABCE1 / RNAseLinhibitor antibody WB image

Western blot: Rat brain stained with ARG45504 anti-ABCE1 / RNAseLinhibitor antibody at 0.5  $\mu g/ml$  dilution.



#### ARG45504 anti-ABCE1 / RNAseLinhibitor antibody IHC-P image

Immunohistochemistry: Mouse brain stained with ARG45504 anti-ABCE1 / RNAseLinhibitor antibody at 2  $\mu$ g/ml dilution.

### ARG45504 anti-ABCE1 / RNAseLinhibitor antibody WB image

Western blot: Mouse brain stained with ARG45504 anti-ABCE1 / RNAseLinhibitor antibody at 0.5  $\mu\text{g}/\text{ml}$  dilution.

