

ARG45727 anti-PTRHD1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PTRHD1
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PTRHD1
Species	Human
Immunogen	Recombinant protein containing to human PTRHD1.
Conjugation	Un-conjugated
Alternate Names	PTRHD1; Peptidyl-TRNA Hydrolase Domain Containing 1; C2orf79; Peptidyl-TRNA Hydrolase Domain-Containing Protein 1; Putative Peptidyl-TRNA Hydrolase PTRHD1; LOC391356; Chromosome 2 Open Reading Frame 79; EC 3.1.1.29; NEDPBA

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.	

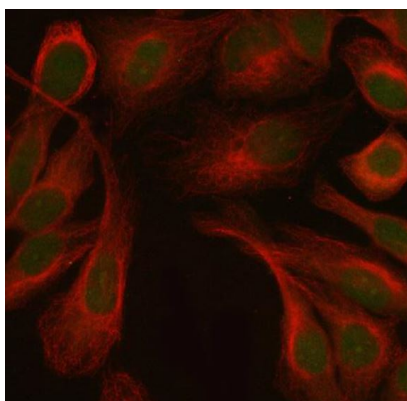
Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 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.

Bioinformation

Gene Symbol	PTRHD1
Gene Full Name	Peptidyl-TRNA Hydrolase Domain Containing 1
Background	This gene encodes the enzyme peptidyl-tRNA hydrolase. Peptidyl-tRNA hydrolases perform the essential function of recycling peptidyl-tRNAs. Mutations in this gene are associated with autosomal-recessive intellectual disability and parkinsonism. [provided by RefSeq, May 2017]
Function	As a putative peptidyl-tRNA hydrolase, it might be involved in releasing tRNAs from the ribosome during protein synthesis (Probable). Some evidence, however, suggests that it lacks peptidyl-tRNA hydrolase activity. [UniProt]
Calculated Mw	16 kDa
Cellular Localization	Mitochondrion. [UniProt]

Images



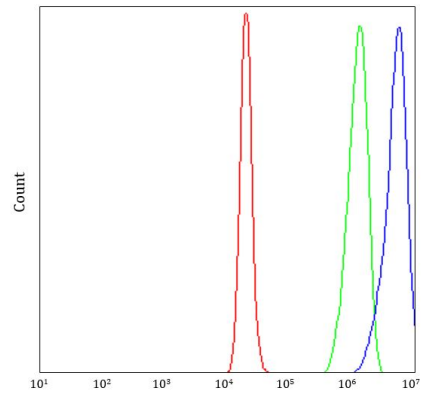
ARG45727 anti-PTRHD1 antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG45727 anti-PTRHD1 antibody at 5 µg/ml dilution.



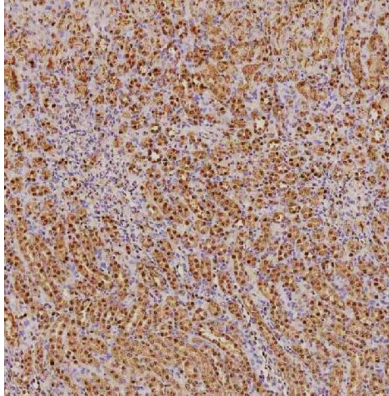
ARG45727 anti-PTRHD1 antibody WB image

Western blot: 293T stained with ARG45727 anti-PTRHD1 antibody at 0.5 µg/ml dilution.



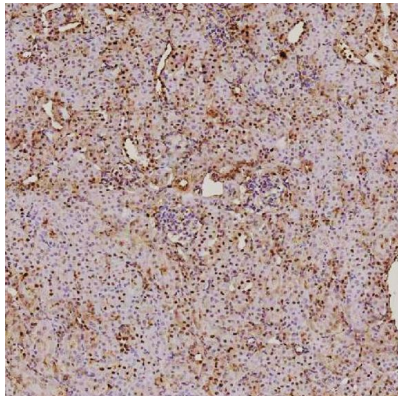
ARG45727 anti-PTRHD1 antibody FACS image

Flow Cytometry: RT4 stained with ARG45727 anti-PTRHD1 antibody at $1\text{ }\mu\text{g}/10^6$ cells dilution.



ARG45727 anti-PTRHD1 antibody IHC-P image

Immunohistochemistry: Rat kidney stained with ARG45727 anti-PTRHD1 antibody at $2\text{ }\mu\text{g}/\text{ml}$ dilution.



ARG45727 anti-PTRHD1 antibody IHC-P image

Immunohistochemistry: Mouse kidney stained with ARG45727 anti-PTRHD1 antibody at $2\text{ }\mu\text{g}/\text{ml}$ dilution.