

ARG56860 anti-GRP75 antibody

Package: 100 µl

Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GRP75
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GRP75
Species	Human
Immunogen	Recombinant protein of Human GRP75.
Conjugation	Un-conjugated
Alternate Names	GRP-75; MTHSP75; Heat shock 70 kDa protein 9; HSPA9B; Stress-70 protein, mitochondrial; CSA; 75 kDa glucose-regulated protein; MOT; CRP40; Mortalin; MOT2; Peptide-binding protein 74; GRP75; HEL-S-124m; PBP74

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 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 lung	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
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

Database links

[GeneID: 15526 Mouse](#)

[GeneID: 3313 Human](#)

[Swiss-port # P38646 Human](#)

[Swiss-port # P38647 Mouse](#)

Gene Symbol

HSPA9

Gene Full Name

heat shock 70kDa protein 9 (mortalin)

Background

This gene encodes a member of the heat shock protein 70 gene family. The encoded protein is primarily localized to the mitochondria but is also found in the endoplasmic reticulum, plasma membrane and cytoplasmic vesicles. This protein is a heat-shock cognate protein. This protein plays a role in cell proliferation, stress response and maintenance of the mitochondria. A pseudogene of this gene is found on chromosome 2.[provided by RefSeq, May 2010]

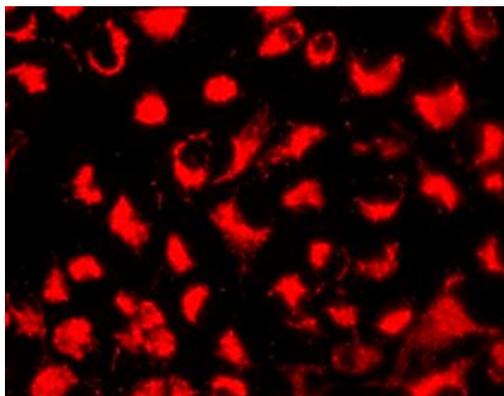
Function

Implicated in the control of cell proliferation and cellular aging. May also act as a chaperone. [UniProt]

Calculated Mw

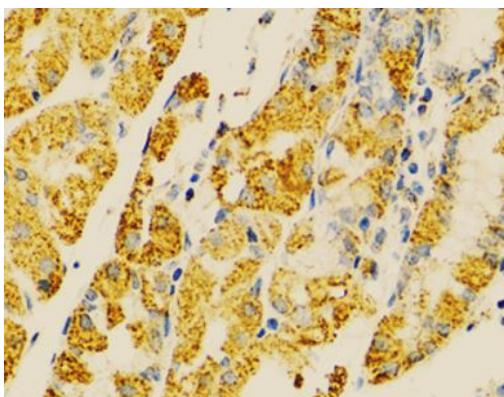
74 kDa

Images



ARG56860 anti-GRP75 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG56860 anti-GRP75 antibody.

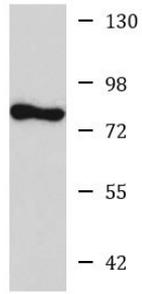


ARG56860 anti-GRP75 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human stomach tissue stained with ARG56860 anti-GRP75 antibody at 1:100 dilution.

ARG56860 anti-GRP75 antibody WB image

Western blot: Mouse lung lysate stained with ARG56860 anti-GRP75 antibody.



Mouse lung
