

ARG63276 anti-H11 / Hsp22 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes H11 / Hsp22
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	H11 / Hsp 22
Species	Human
Immunogen	NELPQDSQEVCTCT
Conjugation	Un-conjugated
Alternate Names	E2-induced gene 1 protein; E2IG1; Protein kinase H11; HMN2; HMN2A; H11; Alpha-crystallin C chain; CMT2L; Small stress protein-like protein HSP22; HspB8; DHMN2; HSP22; Heat shock protein beta-8

Application Instructions

Application table	Application	Dilution
	IHC-P	10 µg/ml
	WB	0.5 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
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

Database links

[GeneID: 26353 Human](#)

[Swiss-port # Q9UJY1 Human](#)

Background

The protein encoded by this gene belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The expression of this gene is induced by estrogen in estrogen receptor-positive breast cancer cells, and this protein also functions as a chaperone in association with Bag3, a stimulator of macroautophagy. Thus, this gene appears to be involved in regulation of cell proliferation, apoptosis, and carcinogenesis, and mutations in this gene have been associated with different neuromuscular diseases, including Charcot-Marie-Tooth disease. [provided by RefSeq, Jul 2008]

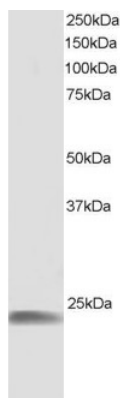
Research Area

Neuroscience antibody; Signaling Transduction antibody

Calculated Mw

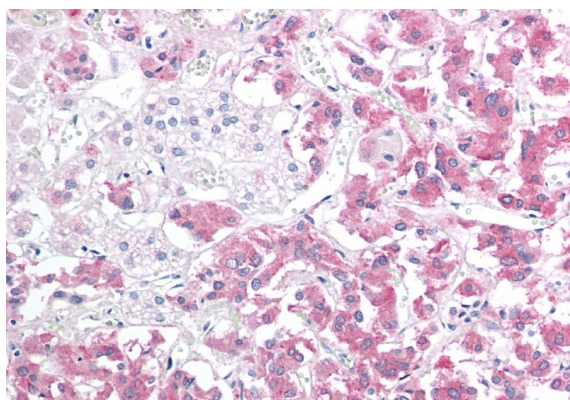
22 kDa

Images



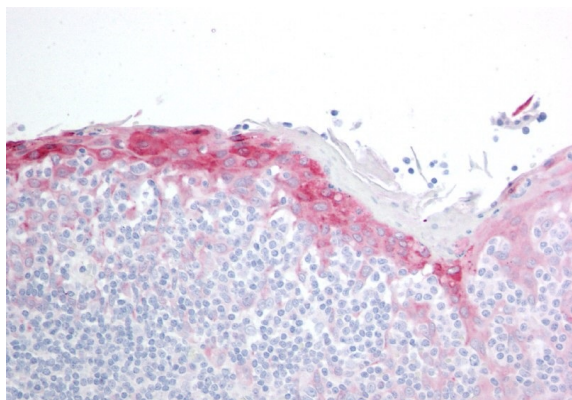
ARG63276 anti-H11 / Hsp22 antibody WB image

Western blot: Human muscle lysate (RIPA buffer, 30µg total protein per lane) stained with ARG63276 anti-H11 / Hsp22 antibody at 1 µg/ml dilution.



ARG63276 anti-H11 / Hsp22 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human adrenal gland tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63276 anti-H11 / Hsp22 antibody at 10 µg/ml dilution followed by AP-staining.



ARG63276 anti-H11 / Hsp22 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human tonsil tissue.
Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63276 anti-H11 / Hsp22 antibody at 10 µg/ml dilution followed by AP-staining.