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Datasheet for ABIN901442

anti-Chaperonin GroEL (GroEL) (AA 401-495) antibody (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	Chaperonin GroEL (GroEL)
Binding Specificity:	AA 401-495
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HSP58/Cornulin
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	Chaperonin GroEL (GroEL)
Alternative Name:	HSP58 (GroEL Products)
Background:	Synonyms: HSP 58, HSP-58, PDRC1, 53 kDa putative calcium binding protein, 53 kDa squamous

Target Details

epithelial induced stress protein, 58 kDa heat shock protein, C1orf10, Chromosome 1 open reading frame 10, CRNN, DRC1, SEP53, Squamous epithelial heat shock protein 53, Tumor related protein, CRNN_HUMAN, HSP58/Cornulin.

Background: This gene encodes a member of the "fused gene" family of proteins, which contain N terminus EF hand domains and multiple tandem peptide repeats. The encoded protein contains two EF hand Ca²⁺ binding domains in its N terminus and two glutamine and threonine rich 60 amino acid repeats in its C terminus. This gene, also known as squamous epithelial heat shock protein 53, may play a role in the mucosal/epithelial immune response and epidermal differentiation.

Gene ID: 49860

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months