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Datasheet for ABIN758563 anti-Chaperonin GroEL (GroEL) (AA 401-495) antibody (Biotin)



Overview

Quantity:	100 µL
Target:	Chaperonin GroEL (GroEL)
Binding Specificity:	AA 401-495
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)),
	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HSP58/Cornulin
Isotype:	lgG
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

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	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:	WB 1:300-5000
	IHC-P 1:200-400
	IHC-F 1:100-500
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 for 12 months.
Expiry Date:	12 months