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Rabbit Anti-DERL2 antibody

SL14280R

Product Name	DERL2
Chinese Name	内质网退化蛋白 2 抗体
Alias	Carcinoma related; Carcinoma related; derlin 2; CGI 101; DERL2_HUMAN; Degradation in endoplasmic reticulum protein 2; DER 2; Der1 like domain family member 2; Der1-like protein 2; DER2; DERL 2; Derlin 2; Derlin2; DERtrin 2; DERtrin2; F LAN 1; F LANa; FLANa.
Research Area	Tumour Signal transduction Transporter
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted: Human, Mouse, Rat, Chicken, Pig, Cow, Rabbit,)
Applications	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	27kDa
Cellular localization	cytoplasmic
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human DERL2: 51-150/239
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed

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Proteins that are unfolded or misfolded in the endoplasmic reticulum (ER) must be refolded or degraded to maintain the homeostasis of the ER. DERL2 is involved in the degradation of misfolded glycoproteins in the ER (Oda et al., 2006 [PubMed 16449189]).[supplied by OMIM, Mar 2008]

Function:
DERL2 (Derlin 2) may be involved in the degradation process of specific misfolded endoplasmic reticulum (ER) luminal proteins. Its precise role is however unclear. In contrast to DER1, it is not involved in the degradation of MHC class I heavy chains in cas of infection by the cytomegalovirus. DERL2 may play a role in cell proliferation.

Subcellular Location:
Endoplasmic reticulum; Multi-pass membrane protein.

Similarity:
Belongs to the derlin family.

Product Detail

SWISS:
Q9GZP9

Gene ID:
51009

Database links:

Entrez Gene: 51009 Human

Entrez Gene: 116891 Mouse

Omim: 610304 Human

SwissProt: Q9GZP9 Human

SwissProt: Q8BNI4 Mouse

Unigene: 286131 Human

Unigene: 28131 Mouse