

Rabbit Anti-DERL3/Cy5 Conjugated antibody

SL14281R-Cy5

Product Name	Anti-DERL3/Cy5
Chinese Name	Cy5 标记的内质网退化蛋白 3 抗体
Alias	C22orf14; Degradation in endoplasmic reticulum protein 3; DER 3; Der1 like domain family member 3; Der1 like protein 3; Der1-like protein 3; DER3; DERL 3; Derl3; DERL3_HUMAN; Derlin 3; Derlin 3 protein; Derlin-3; Derlin3; DERtrin 3; DERtrin-3; DERtrin3; IZP 6; IZP6; LLN 2; LLN2; MGC71803.
Research Area	Signal transduction Transporter
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Chicken,Pig,Cow,Rabbit) ICC/IF=1:50-200,IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	27kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human DERL3
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	background: The protein encoded by this gene belongs to the derlin family, and resides in the endoplasmic reticulum (ER). Proteins that are unfolded or misfolded in the ER must be refolded or degraded to maintain the homeostasis of the ER. This protein appears to be involved in the degradation of misfolded glycoproteins

in the ER. Several alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Oct 2008]

Function:

Functional component of endoplasmic reticulum-associated degradation (ERAD) for misfolded luminal glycoproteins, but not that of misfolded nonglycoproteins. May act by forming a channel that allows the retrotranslocation of misfolded glycoproteins into the cytosol where they are ubiquitinated and degraded by the proteasome. May mediate the interaction between VCP and the degradation substrate.

Subcellular Location:

Endoplasmic reticulum membrane.

Tissue Specificity:

Unlike DERL1 and DERL2, restricted to several tissues. Expressed at high levels in placenta, pancreas, spleen and small intestine.

Similarity:

Belongs to the derlin family.

Database links:

[Entrez Gene: 91319](#) Human

[Entrez Gene: 614334](#) Cow

[Entrez Gene: 70377](#) Mouse

[Omim: 610305](#) Human

[SwissProt: Q0P5E4](#) Cow

[SwissProt: Q96Q80](#) Human

[SwissProt: Q9D8K3](#) Mouse

[Unigene: 593679](#) Human

[Unigene: 275878](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in



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