SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Marker Primary Antibody]

Rabbit Anti-DERL3/Biotin Conjugated antibody

Catalog Number: SL14281R-Bio

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-DERL3/Biotin
Immunogen:	KLH conjugated synthetic peptide derived from human DERL3
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:50-200 IF=1:100-500 ELISA=1:500-5000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Human,Mouse,Rat,Chicken,Pig,Cow,Rabbit)
Background:	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 lumenal 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

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

	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 human, therapeutic or diagnostic applications.