

**DERL3 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP55503****Specification**

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**DERL3 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	<a href="#">Q96Q80</a>
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26679

**DERL3 Polyclonal Antibody - Additional Information****Gene ID** 91319**Other Names**

Derlin-3, Degradation in endoplasmic reticulum protein 3, DERtrin-3, Der1-like protein 3, DERL3  
([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=14236](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=14236))  
target="\_blank">HGNC:14236</a>)

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**DERL3 Polyclonal Antibody - Protein Information****Name** DERL3 ([HGNC:14236](#))**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 misfolded glycoproteins (PubMed:<http://www.uniprot.org/citations/16449189> target="\_blank">16449189</a>, PubMed:<http://www.uniprot.org/citations/22607976> target="\_blank">22607976</a>). May be involved in endoplasmic reticulum stress-induced pre-emptive quality control, a mechanism that selectively attenuates the translocation of newly synthesized proteins into the endoplasmic reticulum and reroutes them to the cytosol for proteasomal degradation (PubMed:<http://www.uniprot.org/citations/26565908> target="\_blank">26565908</a>).

**Cellular Location**

Endoplasmic reticulum membrane; Multi-pass membrane protein

**Tissue Location**

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

**DERL3 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**DERL3 Polyclonal Antibody - Images**