

**DERL2 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP55502**

## Specification

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### DERL2 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">O9GZP9</a>
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27567

### DERL2 Polyclonal Antibody - Additional Information

Gene ID 51009

#### Other Names

Derlin-2, Degradation in endoplasmic reticulum protein 2, DERtrin-2, Der1-like protein 2, F-LAN-1 {ECO:0000312|EMBL:AAG43049.1}, F-LANa, DERL2 ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=17943](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=17943) target="\_blank">HGNC:17943</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.

### DERL2 Polyclonal Antibody - Protein Information

Name DERL2 ([HGNC:17943](#))

#### 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 misfolded glycoproteins (PubMed:<a href="http://www.uniprot.org/citations/16186509" target="\_blank">16186509</a>, PubMed:<a href="http://www.uniprot.org/citations/16449189" target="\_blank">16449189</a>). May also 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:<a href="http://www.uniprot.org/citations/26565908" target="\_blank">26565908</a>).

#### Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

**Tissue Location**

Ubiquitous. Overexpressed in various hepatocarcinomas.

**DERL2 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](#)

**DERL2 Polyclonal Antibody - Images**