

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

Specification

DERL2 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	O9GZP9
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 ([HGNC:17943](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=17943))

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: [16186509](http://www.uniprot.org/citations/16186509), PubMed: [16449189](http://www.uniprot.org/citations/16449189)). 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: [26565908](http://www.uniprot.org/citations/26565908)).

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