

DERL3 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP5908b**Specification**

DERL3 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O96Q80](#)
Other Accession [NP_001129223.1](#), [NP_940842.2](#),
[NP_001002862.1](#)

DERL3 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 91319

Other Names

Derlin-3, Degradation in endoplasmic reticulum protein 3, DERtrin-3, Der1-like protein 3, DERL3, C22orf14, DER3, LLN2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DERL3 Antibody (C-term) Blocking peptide - 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:16449189, PubMed:22607976). 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:26565908).

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 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

DERL3 Antibody (C-term) Blocking peptide - Images