

# **Product datasheet for TA335302**

## **DERL3 Rabbit Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

**Host:** Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-DERL3 antibody: synthetic peptide directed towards the C terminal

of human DERL3. Synthetic peptide located within the following region: YYFLEDVFPNQPGGKRLLQTPGFLKLLLDAPAEDPNYLPLPEEQPGPHLP

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Purification:** Affinity Purified

Conjugation: Unconjugated

**Store** at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 27 kDa

Gene Name: derlin 3

Database Link: NP 001002862

Entrez Gene 91319 Human

Q96Q80



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### **DERL3 Rabbit Polyclonal Antibody - TA335302**

**Background:** DERL3 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. Proteins that are unfolded or misfolded in the endoplasmic reticulum (ER) must be refolded or degraded to maintain the homeostasis of the ER. DERL3 is involved in the degradation of misfolded glycoproteins in the ER (Oda et al., 2006)

[PubMed 16449189]). [supplied by OMIM]

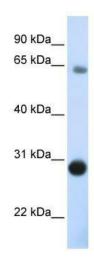
Synonyms: C22orf14; derlin-3; IZP6; LLN2

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse:

100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%; Horse: 93%

**Protein Families:** Transmembrane

## **Product images:**



WB Suggested Anti-DERL3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: Human Muscle