

DERL1

Reactivity: Human Mouse

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 29kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human DERL1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

DER1; DER-1;

Catalog #: A8508

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 79139

Isotype: IgG

Swiss Prot: Q9BUN8

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is a member of the derlin family. Members of this family participate in the ER-associated degradation response and retrotranslocate misfolded or unfolded proteins from the ER lumen to the cytosol for proteasomal degradation. This protein recognizes substrate in the ER and works in a complex to retrotranslocate it across the ER membrane into the cytosol. This protein may select cystic fibrosis transmembrane conductance regulator protein (CFTR) for degradation as well as unfolded proteins in Alzheimer's disease. Alternative splicing results in multiple transcript variants that encode different protein isoforms.

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