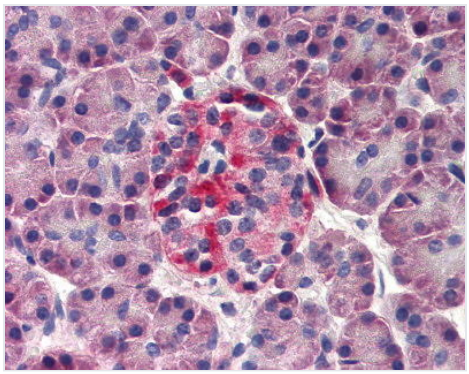
DERL3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DERL3, Polyclonal Antibody
Full Product Name	DERL3, NT (Degradation in Endoplasmic Reticulum Protein 3, DERtrin-3, Der1-like Protein 3, C22orf14, DER3, LLN2, Derlin-3)
Product Gene Name	anti-Derl3 antibody
Product Synonym Names	Anti -DERL3, NT (Degradation in Endoplasmic Reticulum Protein 3, DERtrin-3, Der1-like Protein 3, C22orf14, DER3, LLN2, Derlin-3)
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, 0.01% sodium azide, 50% glycerol.
Purity/Purification	Affinity Purified Purified by immunoaffinity chromatography.
Specificity	Recognizes human DERL3.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Chromosome Location	Chromosome: 20; NC_005119.3 (15859234..15861795, complement). Location: 20p12
Immunogen	Synthetic peptide corresponding to human DERL3 at N-terminal (KLH).
Product Categories/Family for anti-Derl3 antibody	Antibodies; Abs to Membrane Proteins
Applications Tested/Suitable for anti-Derl3 antibody	ELISA (EL/EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-Derl3 antibody	Suitable for use in ELISA, Western Blot and Immunohistochemistry. Dilution: ELISA: 1ug/ml Western Blot: 1ug/ml Immunohistochemistry (Formalin fixed paraffin embedded): 20ug/ml
Related Product Information for anti-Derl3 antibody	Functional component of endoplasmic reticulum-associated degradation (ERAD) for misfolded lumenal 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 degradation substrate.
Other Notes	Small volumes of anti-Derl3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Derl3 purchase	MBS644515 is an antibody targeting Derl3. Also known as DERL3, NT (Degradation in Endoplasmic Reticulum Protein 3, DERtrin-3, Der1-like Protein 3, C22orf14, DER3, LLN2, Derlin-3). Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-Derl3 antibody
Human Pancreas (formalin-fixed, paraffin-embedded) stained with DERL3 antibody at 20ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody alkaline phosphatase-streptavidin and chromogen.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Derl3. It may not necessarily be applicable to this product.

NCBI GI #	199560022
NCBI GeneID	690315
NCBI Accession #	NP_001103047.2
GenBank Nucleotide #	NM_001109577.1
NCBI Official Full Name	derlin-3
NCBI Official Synonym Full Names	derlin 3
NCBI Official Symbol	Derl3
Protein Family	Derlin
NCBI Protein Information	derlin-3; Der1-like domain family, member 3
Research Articles on Derl3	**1.** Study describes a potentially protective role for Derl3 in the heart.
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