Datasheet for ABIN2781869

anti-Derlin-3 antibody (C-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	Derlin-3 (DERL3)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Rabbit, Zebrafish (Danio rerio), Cow, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Derlin-3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human DERL3
Sequence:	YYFLEDVFPN QPGGKRLLQT PGFLKLLLDA PAEDPNYLPL PEEQPGPHLP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against DERL3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Derlin-3 (DERL3)

Target Details

Alternative Name:	DERL3 (DERL3 Products)
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]. Alias Symbols: C22orf14, IZP6, MGC71803, LLN2, derlin-3 Protein Interaction Partner: ERN1, UBE2J1, SERPINA1, MFI2, AMFR, Protein Size: 235
Molecular Weight:	27 kDa
Gene ID:	91319
NCBI Accession:	NM_001002862, NP_001002862
UniProt:	Q96Q80
Pathways:	ER-Nucleus Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 235 AA
Restrictions:	For Research Use only

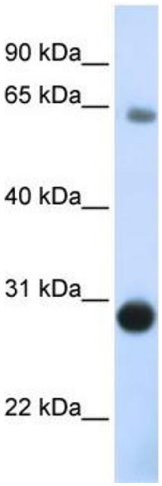
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Validation report #100008 for Western Blotting (WB)



Western Blotting

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