SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-C20orf31 antibody

Catalog Number: SL15110R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C20orf31
Immunogen:	KLH conjugated synthetic peptide derived from human C20orf31: 101-200/578
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Rat(predicted:Mouse,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Predicted MW.:	62kDa
Subcellular Location:	cytoplasmic
Background:	In the endoplasmic reticulum (ER), misfolded proteins are retrotranslocated to the cytosol and degraded by the proteasome in a process known as ER-associated degradation (ERAD). EDEM2 belongs to a family of proteins involved in ERAD of glycoproteins (Mast et al., 2005 [PubMed 15537790]).[supplied by OMIM, Mar 2008] **Function:** Involved in endoplasmic reticulum-associated degradation (ERAD) that targets misfolded glycoproteins for degradation in an N-glycan-dependent manner. It lacks mannosidase activity. Extracts misfolded glycoproteins, but not glycoproteins undergoing productive folding, from the calnexin cycle. **Subcellular Location:** Secreted. Endoplasmic reticulum lumen. **Tissue Specificity:** Expressed ubiquitously in all tissues tested with slightly higher levels detected in small intestine and peripheral blood leukocytes and weakest levels in brain and skeletal muscle. **Post-translational modifications:** Glycosylated.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Similarity: Belongs to the glycosyl hydrolase 47 family. **Database links:** **Entrez Gene:** 55741 Human Omim: 610302 Human **SwissProt:** Q9BV94 Human **Unigene:** 720177 Human

[VALIDATION IMAGES]

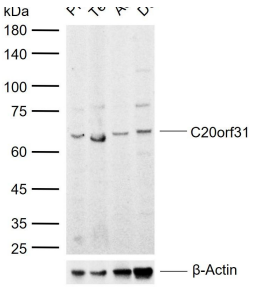


Figure 1. Sample: Lane 1: Rat Placenta tissue lysates Lane 2: Rat Testis tissue lysates Lane 3: Human A375 cell lysates Lane 4: Human DU145 cell lysates Primary: Anti-C20orf31 (SL15110R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 62 kDa Observed band size: 65 kDa

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