

Datasheet for ABIN6992161 **anti-RNF121 antibody (C-Term)**

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Overview

Quantity:	0.1 mg
Target:	RNF121
Binding Specificity:	AA 260-310, C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF121 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	RNF121 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human RNF121. The immunogen is located within amino acids 260 - 310 of RNF121.
Isotype:	IgG
Specificity:	RNF121 antibody is human, mouse and rat reactive. Multiple isoforms of RNF121 are known to exist.
Purification:	RNF121 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	RNF121
Alternative Name:	RNF121 (RNF121 Products)

Target Details

Background:	RNF121 is an evolutionarily conserved E3 ligase ring finger protein that is expressed in the endoplasmic reticulum (1). It acts downstream of the unfolded protein response regulator protein kinase-like endoplasmic reticulum kinase (PERK). Overexpression of RNF121 during the early stages of gonad development led to aberrations in germline development and gonad migration, suggesting that it plays a role in endoplasmic reticulum-associated degradation machinery (1).
Molecular Weight:	Predicted: 24, 27, 36 kDa Observed: 28 kDa
Gene ID:	552978
NCBI Accession:	NP_060790
UniProt:	Q9H920
Pathways:	ER-Nucleus Signaling

Application Details

Application Notes:	RNF121 antibody can be used for detection of RNF121 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunocytochemistry at 10 µg/mL. Antibody validated: Western Blot in human samples and Immunocytochemistry in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	RNF121 antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	RNF121 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.