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Anti-RING finger protein 121 RNF121 Antibody

Catalog Number: A13318

About RNF121

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).

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Overview

Product Name	Anti-RING finger protein 121 RNF121 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-RING finger protein 121 RNF121 Antibody (Catalog # A13318). Tested in ELISA, WB, ICC applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, ICC, WB
Clonality	Polyclonal
Formulation	RNF121 antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	RNF121 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q9H920

Technical Details

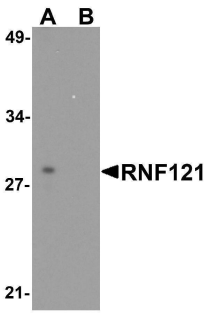
Immunogen	RNF121 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human RNF121. The immunogen is located within amino acids 260 - 310 of RNF121.
Predicted Reactive Species	Bovine
Cross Reactivity	RNF121 antibody is human, mouse and rat reactive. Multiple isoforms of RNF121 are known to exist.

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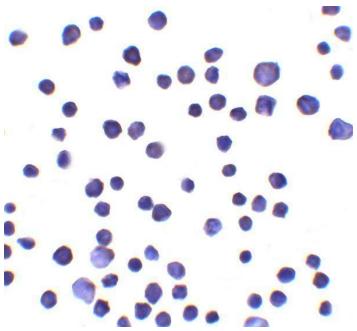
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	RNF121 antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	RNF121 antibody can be used for detection of RNF121 by Western blot at 1 - 2 ug/ml. Antibody can also be used for immunocytochemistry at 10 ug/ml. Antibody validated: Western Blot in human samples and Immunocytochemistry in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-RING finger protein 121 RNF121 Antibody (A13318) Images



Western blot analysis of RNF121 in MCF7 cell lysate with RNF121 antibody at 1 ug/ml in (A) the absence and (B) the presence of blocking peptide.



Immunocytochemistry of RNF121 in MCF7 cells with RNF121 antibody at 10 ug/ml.

Anti-RING finger protein 121 RNF121 Antibody

For Research Use Only. Not for use in diagnostic procedures.