

## Anti-RNF21 Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Pig)
Molecular Weight:	Theoretical: 57 kDa. Actual: 55 kDa.
Purification:	Protein A purified

### Applications

Verified Activity:	1. Sample: Lung (Mouse) Lysate at 40 µg Primary: Anti-RNF21 (TMAB-12311) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 57 kD Observed band size: 55 kD
	2. Sample: Lung (Mouse) Lysate at 40 µg Placenta (Mouse) Lysate at 40 µg Primary: Anti-RNF21 (TMAB-12311) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 57 kD Observed band size: 55 kD
Application:	WB
Recommended	WB: 1:500-2000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human RNF21
Antigen Species:	Human
Gene ID:	53840
Uniprot ID:	Q9BYJ4

### Research Background

Tripartite motif-containing protein 34 (TRIM34), also known as RING finger protein 21 (RNF21) or interferon-responsive finger protein 1 (IFP1), is a 488 amino acid member of the TRIM family, also known as the RING-B-box coiled-coil (RBCC) family. Members of the RBCC family have an N-terminal RING finger, followed by one or two zinc-binding domains (B-box domains), a leucine coiled-coil region and a variable C-terminal domain. Three isoforms of TRIM34 exist as a result of alternative splicing events. Isoform 1, the most abundant isoform, is highly expressed in placenta, spleen, colon and peripheral blood leukocytes. Studies have shown that Interferon (IFN) stimulation leads to an upregulation of TRIM34. These findings suggest that TRIM34 maybe a downstream effector that mediates IFN

activities.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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