

## Anti-RNF39 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat, Dog, Monkey)
Molecular Weight:	Theoretical: 38/45 kDa. Actual: 38 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	1. Protein: Raji lysate at 40 µg; Primary: rabbit Anti-RNF39 (TMAB-12320) at 1:300; Secondary: HRP conjugated Goat-Anti-rabbit IgG at 1: 5000; Predicted band size: 38/45 kD Observed band size: 38 kD 2. Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (RNF39) Polyclonal Antibody, Unconjugated (TMAB-12320) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
Application:	WB, IHC-P, IHC-Fr, IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

## 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 RNF39
Antigen Species:	Human
Gene ID:	80352
Uniprot ID:	Q9H2S5

## Research Background

The RING-type zinc finger motif is present in a number of viral and eukaryotic proteins and is made of a conserved cysteine-rich domain that is able to bind two zinc atoms. Proteins that contain this conserved domain are generally involved in the ubiquitination pathway of protein degradation. RNF39 (RING finger protein 39), also known as HZFW, HZF or LIRF, is a 420 amino acid protein that localizes to the cytoplasm and contains one RING-type zinc finger and one SPRY domain. Expressed in testis, RNF39 is thought to play a role in maintaining prolonged LTP (long term-potentiation, or the process by which synaptic strength continues to increase following chemical stimulation). Via its ability to influence the length of the LTP response, RNF39 functions to regulate early synaptic plasticity. Multiple isoforms of RNF39 exist due to alternative splicing events.

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

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