

## Anti-RNF128 Polyclonal Antibody

### Product Details

|                   |   |
|-------------------|---|
| Ig Type:          | IgG   |
| Reactivity:       | Human, Mouse (predicted: Rat, Dog, Pig, Cow, Sheep) |
| Molecular Weight: | Theoretical: 43 kDa. Actual: 58 kDa.                |
| Purification:     | Protein A purified                                  |

### Applications

|                    |  |
|--------------------|--|
| Verified Activity: | <p>1. Paraformaldehyde-fixed, paraffin embedded (human Pancreatic cancer); 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 (RNF128) Polyclonal Antibody, Unconjugated (TMAB-12289) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</p> <p>2. Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (RNF128) Polyclonal Antibody, Unconjugated (TMAB-12289) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</p> <p>3. Sample: Raw264.7 (Mouse) Cell Lysate at 30 µg<br/>Primary: Anti-RNF128 (TMAB-12289) at 1/1000 dilution<br/>Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution<br/>Predicted band size: 43 kD<br/>Observed band size: 58 kD</p> |
| 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 RNF128 |
| Antigen Species: | Human  |
| Gene ID:         | 79589  |
| Uniprot ID:      | Q8TEB7   |

### Research Background

The protein encoded by this gene is a type I transmembrane protein that localizes to the endocytic pathway. This protein contains a RING zinc-finger motif and has been shown to possess E3 ubiquitin ligase activity. Expression of this gene in retrovirally transduced T cell hybridoma significantly inhibits activation-induced IL2 and IL4 cytokine

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production. Induced expression of this gene was observed in anergic CD4(+) T cells, which suggested a role in the induction of anergic phenotype. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008].

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