

Anti-RCL Polyclonal Antibody

Product Details

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| Ig Type: | IgG |
| Reactivity: | Human,Rat (predicted:Mouse,Dog,Pig,Horse,Rabbit) |
| Molecular Weight: | Theoretical: 19 kDa. Actual: 19 kDa. |
| Purification: | Protein A purified |

Applications

1. Tissue/cell: human kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-RCL/c Myc responsive Polyclonal Antibody, Unconjugated (TMAB-12168) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining

2. Sample:

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| Verified Activity: | Kidney (Rat) Lysate at 40 µg Liver (Rat) Lysate at 40 µg Primary: Anti-RCL (TMAB-12168) at 1/300 dilution Secondary: HRP conjugated Goat-Anti-rabbit IgG at 1/5000 dilution Predicted band size: 19 kD Observed band size: 19 kD We are unsure as to the identity of these extra bands May be formed of homo-dimer |
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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

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| 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

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| Immunogen: | KLH conjugated synthetic peptide: human RCL/c Myc responsive |
| Antigen Species: | Human |
| Gene ID: | 10591 |
| Uniprot ID: | O43598 |

Research Background

This gene was identified on the basis of its stimulation by c-Myc protein. The latter is a transcription factor that participates in the regulation of cell proliferation, differentiation, and apoptosis. The exact function of this gene is not known but studies in rat suggest a role in cellular proliferation and c-Myc-mediated transformation. Two alternative transcripts encoding different proteins have been described.[provided by RefSeq, Jul 2008].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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