

Anti-CBL Polyclonal Antibody

Product Details

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| Ig Type: | IgG |
| Reactivity: | Human,Mouse,Rat (predicted:Dog,Pig,Cow,Horse,Rabbit) |
| Molecular Weight: | Theoretical: 100 kDa. Actual: 120 kDa. |
| Purification: | Protein A purified |

Applications

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|--------------------|---|
| Sample: | Lane 1: Mouse Raw264.7 cell lysates Lane 2: Mouse Thymus tissue lysates Lane 3: Mouse Testis tissue lysates Lane 4: Rat Testis tissue lysates Lane 5: Human K562 cell lysates |
| Verified Activity: | Lane 6: Human Daudi cell lysates Lane 7: Human MCF-7 cell lysates Lane 8: Human Jurkat cell lysates Primary: Anti-CBL (TMAB-03710) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 100 kDa Observed band size: 120 kDa |
| Application: | WB |
| Recommended | WB: 1:500-2000 |

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 CBL2 |
| Antigen Species: | Human |
| Gene ID: | 867 |
| Uniprot ID: | P22681 |

Research Background

Participates in signal transduction in hematopoietic cells. Adapter protein that functions as a negative regulator of many signaling pathways that start from receptors at the cell surface. Acts as an E3 ubiquitin-protein ligase, which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes, and then transfers it to substrates promoting their degradation by the proteasome. Recognizes activated receptor tyrosine kinases, including PDGFA, EGF and CSF1, and terminates signaling.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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