

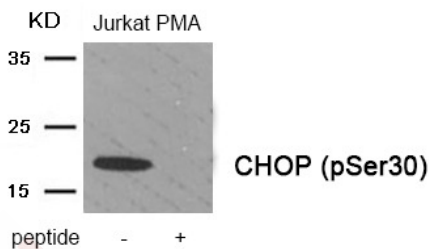
Anti-Phospho-DDIT3 (Ser30) Polyclonal Antibody

Product Details

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|-------------------|--|
| Ig Type: | IgG |
| Reactivity: | Human |
| Conjugation: | Unconjugated |
| Molecular Weight: | Actual: 19 kDa. |
| Purification: | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide. |

Applications

Verified Activity: 1. Western blot analysis of extracts from Jurkat cells treated with PMA using Phospho-CHOP (Ser30) antibody TMAC-00851. The lane on the right is treated with the antigen-specific peptide.



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| Application: | WB |
| Recommended | WB: 1:500-1000 |

Properties

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| Stability & Storage: | 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: | Peptide sequence around phosphorylation site of serine30(V-L-S(p)-S-D) derived from Human CHOP |
| Antigen Species: | human |
| Uniprot ID: | P35638 |
| Synonyms: | DDIT3 (p-S30);p-DDIT3 (Ser30);DDIT3 (p-Ser30);p-DDIT3 (S30) |

Research Background

Multifunctional transcription factor in ER stress response. Plays an essential role in the response to a wide variety of cell stresses and induces cell cycle arrest and apoptosis in response to ER stress. Plays a dual role both as an inhibitor of CCAAT/enhancer-binding protein (C/EBP) function and as an activator of other genes. Acts as a dominant-negative regulator of C/EBP-induced transcription: dimerizes with members of the C/EBP family, impairs their association with C/EBP binding sites in the promoter regions, and inhibits the expression of C/EBP regulated

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genes. Positively regulates the transcription of TRIB3, IL6, IL8, IL23, TNFRSF10B/DR5, PPP1R15A/GADD34, BBC3/PUMA, BCL2L11/BIM and ERO1L.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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