

Rabbit anti-Human CHOP Polyclonal Antibody | anti-CHOP antibody

CHOP (Phospho-Ser30) Antibody

CATALOG # AAA301187	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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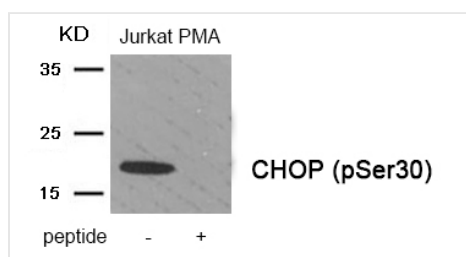
PRODUCT SYNONYMS

CHOP; Polyclonal Antibody; CHOP (Phospho-Ser30) Antibody; C/EBP-homologous protein; DDIT3; GADD153; DNA-damage inducible transcript 3; anti-CHOP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of CHOP only when phosphorylated at serine 30.
Purity/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
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	192
Applicable Applications for anti-CHOP antibody	WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine30(V-L-S(p)-S-D) derived from Human CHOP.
Modification	Phospho-Ser30
Target Name	CHOP
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-CHOP antibody	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 genes. Positively regulates the transcription of TRIB3, IL6, IL8, IL23, TNFRSF10B/DR5, PPP1R15A/GADD34, BBC3/PUMA, BCL2L11/BIM and ERO1L. Ubeda M, Habener JF (2003) J Biol Chem 278, 40514-20
Product Categories/Family for anti-CHOP antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	304282225
NCBI GeneID	1649
NCBI Accession #	NP_001181982.1
NCBI GenBank Nucleotide #	NM_001195053.1
UniProt Accession #	P35638; F8VS99
Molecular Weight	21,700 Da
NCBI Official Full Name	DNA damage-inducible transcript 3 protein isoform 1
NCBI Official Synonym Full Names	DNA-damage-inducible transcript 3
NCBI Official Symbol	DDIT3
NCBI Official Synonym Symbols	CHOP; CEBPZ; CHOP10; CHOP-10; GADD153
NCBI Protein Information	DNA damage-inducible transcript 3 protein
UniProt Protein Name	DNA damage-inducible transcript 3 protein
UniProt Gene Name	DDIT3
UniProt Synonym Gene Names	CHOP; CHOP10; GADD153; DDIT-3; CHOP; CHOP-10
UniProt Entry Name	DDIT3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/chop-antibody-western-blot-elisa/301187>