

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

CHOP (Phospho-Ser30) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316336	Rabbit	Human, Mouse	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

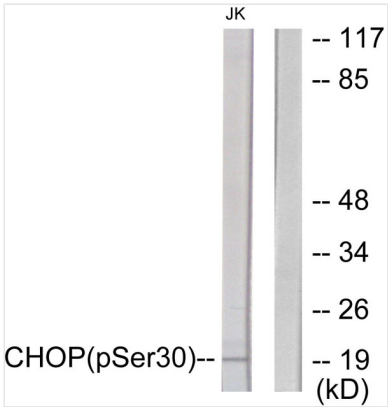
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

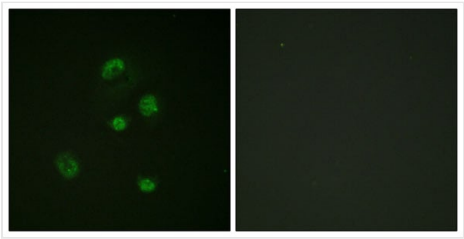
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	CHOP (Phospho-Ser30) Antibody detects endogenous levels of CHOP only when phosphorylated at Ser30.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
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 mg/ml (varies by lot)
Sequence Length	192
Applicable Applications for anti-CHOP antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S30; M:S30
Immunogen	The antiserum was produced against synthesized peptide derived from human CHOP around the phosphorylation site of Ser30.
Immunogen Range	15-64
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



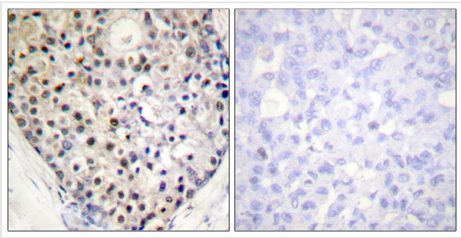
WB (Western Blot)

Western blot analysis of lysates from Jurkat cells treated with PMA 125ng/ml 30', using CHOP (Phospho-Ser30) Antibody. The lane on the right is blocked with the phospho peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells, using CHOP (Phospho-Ser30) Antibody. The picture on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using CHOP (Phospho-Ser30) Antibody. The picture on the right is blocked with the phospho peptide.

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	19 kDa
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; C/EBPzeta
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

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.