

Mouse anti-Human DDIT3 / CHOP Monoclonal Antibody | anti-DDIT3 / CHOP antibody

Anti-DDIT3 / CHOP Antibody (clone 3H7) IHC-plus

CATALOG # AAA52567	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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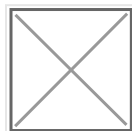
PRODUCT SYNONYMS

DDIT3 / CHOP; Monoclonal Antibody; Anti-DDIT3 / CHOP Antibody (clone 3H7) IHC-plus; Mouse Monoclonal [clone 3H7] (IgG1) to Human DDIT3 / CHOP; Human DDIT3 / CHOP; CHOP10; DDIT-3; GADD153; C/EBP zeta; C/EBP-homologous protein; C/EBP-homologous protein 10; CHOP-10; anti-DDIT3 / CHOP antibody

PRODUCT SPECIFICATIONS

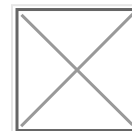
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3H7
Specificity	Human DDIT3 / CHOP
Purity/Purification	Protein A/G purified
Form/Format	PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	169
Applicable Applications for anti-DDIT3 / CHOP antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	DDIT3 / CHOP antibody was raised against full length human recombinant protein of human DDIT3 (NP_004074) produced in E Coli.
Immunogen Description	Full length human recombinant protein of human DDIT3 (NP_004074) produced in E Coli.
Immunogen Type	Recombinant protein
Target Species	Human
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY DDIT3 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-DDIT3.



IHC (Immunohistochemistry)

Anti-DDIT3 / CHOP antibody IHC staining of human skin. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-DDIT3 / CHOP antibody	DDIT3 Antibody, CHOP10 Antibody, DDIT-3 Antibody, CHOP Antibody, GADD153 Antibody, C/EBP zeta Antibody, C/EBP-homologous protein Antibody, C/EBP-homologous protein 10 Antibody, CHOP-10 Antibody Description: 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21361118
NCBI GeneID	1649
NCBI Accession #	NP_004074.2
NCBI GenBank Nucleotide #	NM_004083.5
UniProt Accession #	P35638; F8VS99
Molecular Weight	21,700 Da
NCBI Official Full Name	DNA damage-inducible transcript 3 protein isoform 2
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.