

Rabbit DDIT3 Polyclonal Antibody | anti-DDIT3 antibody

DDIT3 Antibody Affinity Purified

CATALOG # AAA75791	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, ELISA
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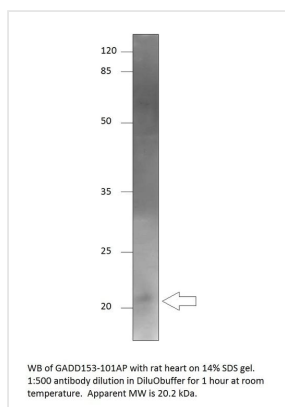
PRODUCT SYNONYMS

DDIT3; Polyclonal Antibody; DDIT3 Antibody Affinity Purified; C/EBP homologous protein; C/EBP zeta; CCAAT/enhancer binding protein homologous protein; CEBPZ; CHOP 10; DNA Damage Inducible Transcript 3; GADD153; Growth Arrest and DNA Damage Inducible Protein 153; MGC4154 antibody; anti-DDIT3 antibody

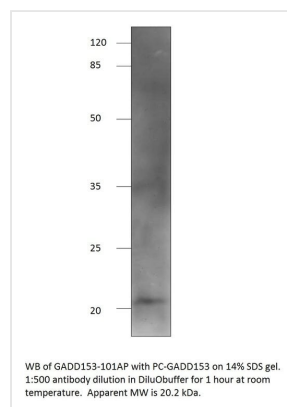
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.57-0.68 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	169
Applicable Applications for anti-DDIT3 antibody	WB (Western Blot), ELISA
Immunogen	Synthetic peptide taken within amino acid region 60-160 on human GADD153 protein
Molecular Function	Activator, Repressor, DNA binding
Structure	Heterodimer. Interacts with TCF7L2/TCF4, EP300/P300, HDAC1, HDAC5 and HDAC6. Interacts with TRIB3 which blocks its association with EP300/P300. Interacts with FOXO3, CEBPB and ATF4.
Subcellular Location	Cytoplasm, Nucleus
Preparation and Storage	-20• degree C for long term storage

IMAGES



WB (Western Blot)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-DDIT3 antibody	Affinity Purified DNA damage-inducible transcript 3 protein 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.
Product Categories/Family for anti-DDIT3 antibody	Primary Antibodies; Cell Biology; Transcription Factors; DDIT3 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	544022
NCBI GeneID	1649
UniProt Accession #	P35638; F8VS99
Molecular Weight	21,700 Da
NCBI Official Full Name	DNA damage-inducible transcript 3 protein
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/ddit3-antibody-western-blot-elisa/75791>