

Rabbit DDIT3/CHOP Polyclonal Antibody | anti-DDIT3/CHOP antibody

DDIT3/CHOP Polyclonal Antibody

CATALOG # AAA177107	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

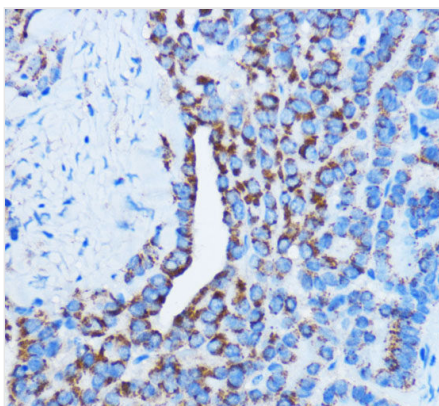
PRODUCT SYNONYMS

DDIT3/CHOP; Polyclonal Antibody; DDIT3/CHOP Polyclonal Antibody; DDIT3; CEBPZ; CHOP; CHOP-10; CHOP10; GADD153; C/EBPzeta; DDIT3 / CHOP; anti-DDIT3/CHOP antibody

PRODUCT SPECIFICATIONS

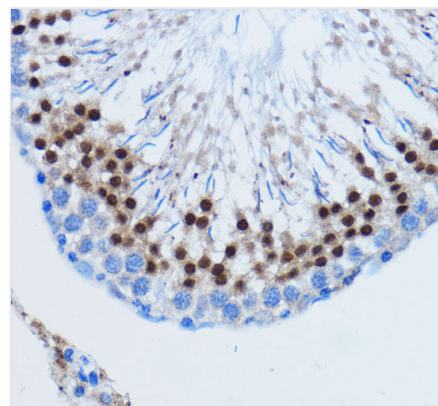
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-DDIT3/CHOP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human DDIT3 / CHOP (NP_0040742)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



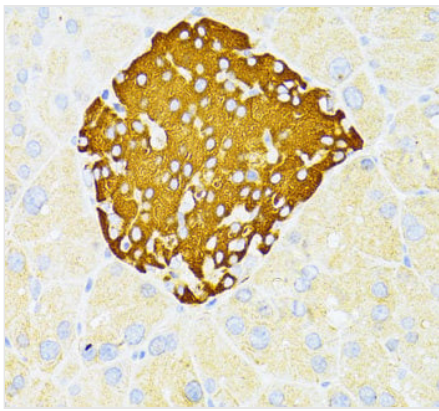
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using DDIT3 / CHOP Polyclonal Antibody at dilution of 1:100 (40x lens).



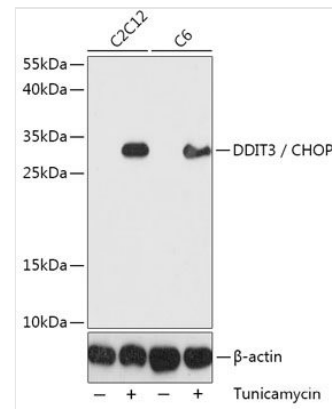
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat testis using DDIT3 / CHOP Polyclonal Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse pancreatic islets using DDIT3 / CHOP Polyclonal Antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines using DDIT3 / CHOP Polyclonal Antibody at dilution of 1:1000. Both C2C12 cells and C6 cells were treated by tunicamycin (2 ug/ml) for 8 hours.

ADDITIONAL INFORMATION

Related Product Information for anti-DDIT3/CHOP antibody	This gene encodes a member of the CCAAT/enhancer-binding protein (C/EBP) family of transcription factors. The protein functions as a dominant-negative inhibitor by forming heterodimers with other C/EBP members, such as C/EBP and LAP (liver activator protein), and preventing their DNA binding activity. The protein is implicated in adipogenesis and erythropoiesis, is activated by endoplasmic reticulum stress, and promotes apoptosis. Fusion of this gene and FUS on chromosome 16 or EWSR1 on chromosome 22 induced by translocation generates chimeric proteins in myxoid liposarcomas or Ewing sarcoma. Multiple alternatively spliced transcript variants encoding two isoforms with different length have been identified.
Product Categories/Family for anti-DDIT3/CHOP antibody	Cancer ; Epigenetics and Nuclear Signaling ; Metabolism ; Developmental Biology ; Stem Cells ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	304282234
NCBI GeneID	1649
NCBI Accession #	NP_001181986.1
NCBI GenBank Nucleotide #	NM_001195057.1
UniProt Accession #	P35638
Molecular Weight	19,175 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; DDIT-3; C/EBP zeta; c/EBP-homologous protein 10; CCAAT/enhancer-binding protein homologous protein; growth arrest and DNA damage-inducible protein GADD153
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/ddit3-chop-antibody-immunohistochemistry-western-blot-elisa/177107>