

DDIT3 / CHOP Rabbit Polyclonal Antibody

Catalog No: #53233

Package Size: #53233-1 50ul #53233-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

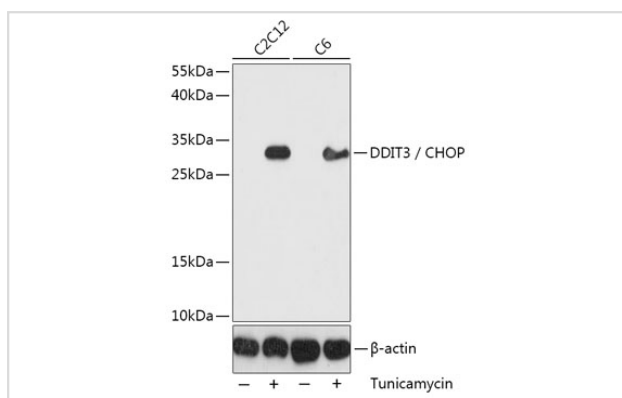
Description

Product Name	DDIT3 / CHOP Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human DDIT3 / CHOP (NP_004074.2).
Other Names	DDIT3;CEBPZ;CHOP;CHOP-10;CHOP10;GADD153;C/EBPzeta;DDIT3 / CHOP
Accession No.	Swiss Prot:P35638GeneID:1649
Calculated MW	19kDa/21kDa
SDS-PAGE MW	30kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

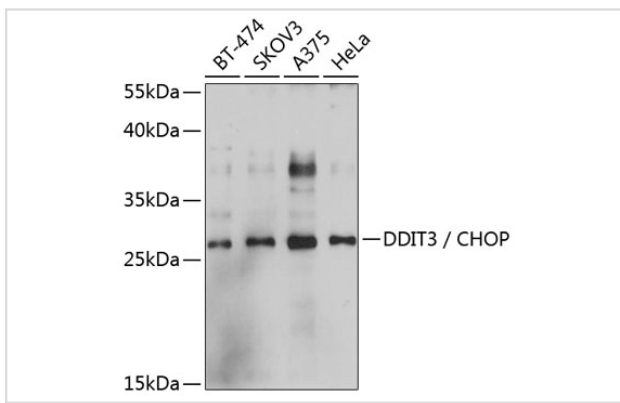
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200

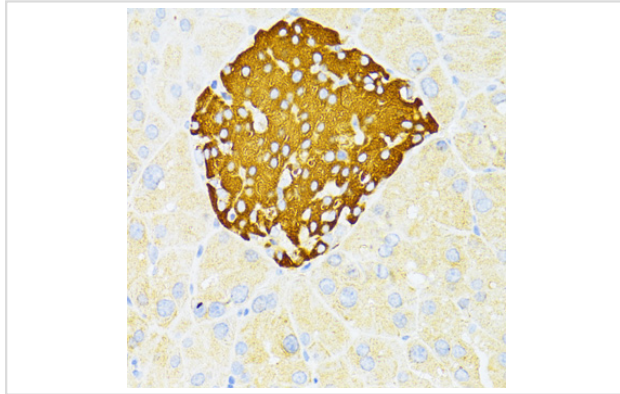
Images



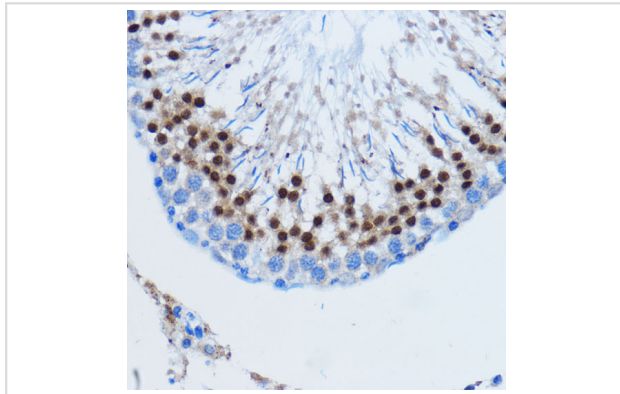
Western blot analysis of extracts of various cell lines, using DDIT3 / CHOP at 1:1000 dilution. Both C2C12 cells and C6 cells were treated by tunicamycin (2 µg/ml) for 8 hours.



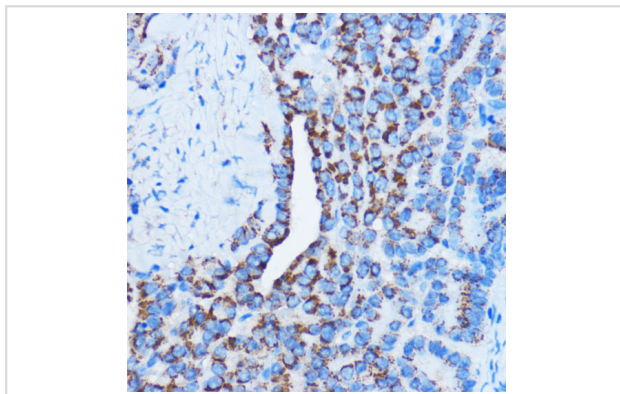
Western blot analysis of extracts of various cell lines, using DDIT3 at 1:1000 dilution.



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



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



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

Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.