

Product Datasheet

DDIT3 (7G7) Mouse mAb

Catalog No: AB3600

Reactivity: Human , Mouse , Rat

Isotype: Mouse IgG1

Applications: WB , IHC-P , ICC/IF



www.abways.com

Information

UniProt ID: P35638

All Names: DDIT3; CHOP; CHOP10; GADD153; DNA damage-inducible transcript 3 protein; DDIT-3; C/EBP-homologous protein; CHOP; C/EBP-homologous protein 10; CHOP-10; Growth arrest and DNA damage-inducible protein GADD153

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: Synthetic peptide conjugated to KLH.

Molecular Wt.: 27 kDa

Application

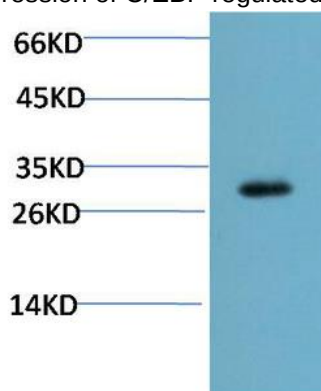
WB: 1/500-1/1000

IHC: 1/50-1/100

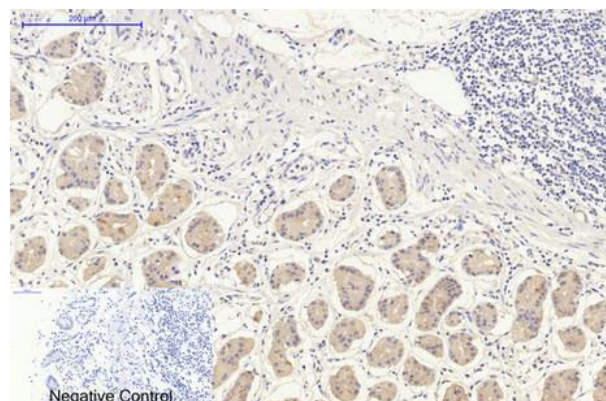
ICC/IF: 1/50-1/200

Background

Swiss-Prot Acc.P35638.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. Acts as a dominant-negative regulator of C/EBP-induced transcription: dimerizes with members of the C/EBP family, impairs their association with C/EBP binding sites in the promoter regions, and inhibits the expression of C/EBP regulated genes.



Western blot analysis of DDIT3 in Mouse Liver lysates using DDIT3 (7G7) antibody.



Immunohistochemistry analysis of paraffinembedded Humanstomach tissue using DDIT3 (7G7) antibody. Sodium citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.

For Research Use Only. Not For Use In Diagnostic Procedures.

www.abways.com