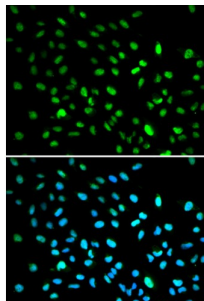


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DNA Damage Inducible Transcript 3 (DDIT3) Antibody

Catalogue No.: abx004988



Immunofluorescence analysis of A549 cells using DDIT3 antibody (abx004988). Blue: DAPI for nuclear staining.

DDIT3 Antibody is a Rabbit Polyclonal antibody against DDIT3. 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.

Target: DDIT3

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Tested Applications: IF/ICC

Recommended dilutions: IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human DDIT3.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

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Molecular Weight: Calculated MW: 19 kDa/21 kDa

Swiss Prot: [P35638](#)

GeneID: [1649](#)

Gene Symbol: DDIT3

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.