

Rabbit DDIT3 Polyclonal Antibody | anti-DDIT3 antibody

DDIT3 Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197193	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep	Immunohistochemistry, Western Blot

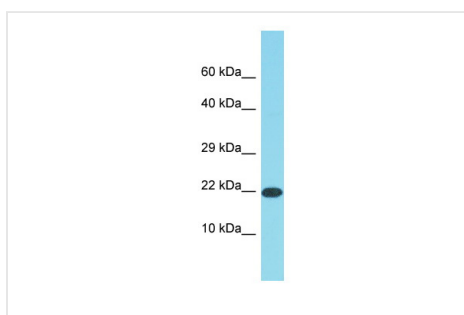
PRODUCT SYNONYMS

DDIT3; Polyclonal Antibody; DDIT3 Antibody - N-terminal region; anti-DDIT3 antibody

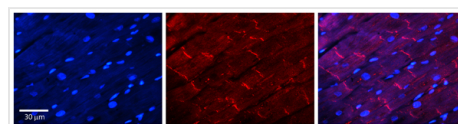
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: SL PFSFGTLSSW ELEAWYEDLQ EVLSSDENG TYVSPPGNEE EESKIFTT
Sequence Length	192
Applicable Applications for anti-DDIT3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 86%; Dog: 86%; Goat: 86%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 86%; Rabbit: 93%; Rat: 92%; Sheep: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human DDIT3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Host: Rabbit
Target Name: DDIT3
Sample Type: Stomach Tumor lysates
Antibody Dilution: 1.0 µg/ml


IHC (Immunohistochemistry)

Rabbit Anti-DDIT3 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Heart
Tissue
Observed Staining: Cytoplasm in intercalated disc
Primary Antibody Concentration: 1:100
Other Working Concentrations: N/A
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-DDIT3 antibody	This is a rabbit polyclonal antibody against DDIT3. It was validated on Western Blot Target Description: 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 antibody	Polyclonal; Transcription Factor; Cancer; Apoptosis; Disease Related; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	304282231
NCBI GeneID	1649
NCBI Accession #	NP_001181985
NCBI GenBank Nucleotide #	NM_001195056.1
UniProt Accession #	F8VS99; P0DPQ6; P35638
Molecular Weight	21kDa
NCBI Official Full Name	DNA damage-inducible transcript 3 protein isoform 1
NCBI Official Synonym Full Names	DNA damage inducible transcript 3
NCBI Official Symbol	DDIT3
NCBI Official Synonym Symbols	CHOP; CEBPZ; CHOP10; CHOP-10; GADD153; AltDDIT3; C/EBPzeta
NCBI Protein Information	DNA damage-inducible transcript 3 protein

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-immunohistochemistry-western-blot-elisa/197193>