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anti-DDIT3 antibody (AA 1-169)





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Quantity:	100 μL
Target:	DDIT3
Binding Specificity:	AA 1-169
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDIT3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to DNA Damage Inducible Transcript 3 (DDIT3)
Immunogen:	Recombinant DNA Damage Inducible Transcript 3 (DDIT3) corresdonding to Met1~Ala169 (Accession # P35638)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against DDIT3. It has been selected for its ability to recognize DDIT3 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

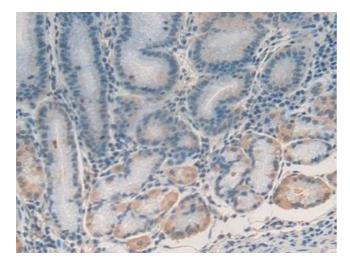
Target:	DDIT3
Alternative Name:	DNA Damage Inducible Transcript 3 (DDIT3 Products)
Background:	CEBPZ, CHOP, CHOP10, GADD153, C/EBP-homologous protein 10, CCAAT/enhancer-binding protein homologous protein, Growth arrest and DNA damage-inducible GADD153
Pathways:	Regulation of Muscle Cell Differentiation, ER-Nucleus Signaling, Skeletal Muscle Fiber Development, Cell RedoxHomeostasis

Application Details

Application Notes:	Western blotting: 0.5-2 μg/mL
	Immunohistochemistry: 5-20 μg/mL
	Immunocytochemistry: 5-20 μg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

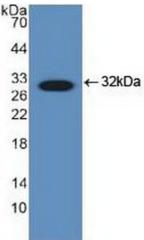
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



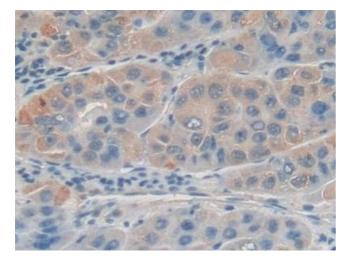
Immunohistochemistry

Image 1. Detection of DDIT3 in Human Stomach Tissue using Polyclonal Antibody to DNA Damage Inducible Transcript 3 (DDIT3)



Western Blotting

Image 2. Detection of Recombinant DDIT3, Human using Polyclonal Antibody to DNA Damage Inducible Transcript 3 (DDIT3)



Immunohistochemistry

Image 3. Detection of DDIT3 in Human Liver Tissue using Polyclonal Antibody to DNA Damage Inducible Transcript 3 (DDIT3)

Please check the product details page for more images. Overall 5 images are available for ABIN7437662.