

Rabbit Anti-Rat Growth Arrest and DNA Damage Inducible Protein Alpha (GADD45a) Polyclonal Antibody

Cat. No.: VD1N167

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for rat growth arrest and DNA damage inducible protein Alpha. It is affinity purified by protein A. It can be applied to WB, IHC, ICC and IP assays of rat growth arrest and DNA damage inducible protein Alpha.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	A3N25
Host	Rabbit
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat Growth Arrest and DNA Damage Inducible Protein Alpha
Isotype	IgG
Immunogen	Recombinant protein of rat growth arrest and DNA damage inducible protein alpha
Purification	Protein A Purified
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline, pH 7.4, with 50% Glycerol
Physical State	Liquid

Target Information

Rat Growth Arrest and DNA Damage Inducible Protein Alpha (GADD45α) is a nuclear protein involved in cell cycle regulation and DNA repair. It is expressed in response to cellular stress, including DNA damage and oxidative stress. GADD45α interacts with various proteins to mediate cell cycle arrest at the G2/M phase, facilitating DNA repair and maintaining genomic stability. This protein also plays a role in apoptosis and stress response pathways, making it an important regulator of cellular homeostasis.

Target	Rat Growth Arrest and DNA Damage Inducible Protein Alpha
Target Synonym	DDIT1; GADD45; DNA damage-inducible transcript 1 protein
Gene ID	25112
UniProt ID	P48317

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 2 years). Avoid repeated freezing and thawing as this may denature the antibody.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.