

Anti-GADD34/Ppp1r15a Antibody Picoband® Biotin Conjugated

Catalog Number: A02394-4-Biotin

About Ppp1r15a

Protein phosphatase 1 regulatory subunit 15A also known as growth arrest and DNA damage-inducible protein GADD34 is a protein that in humans is encoded by the PPP1R15A gene. Enables protein phosphatase binding activity and protein phosphatase regulator activity. Involved in several processes, including peptidyl-serine dephosphorylation; regulation of gene expression; and regulation of protein modification process. Acts upstream of or within endoplasmic reticulum unfolded protein response. Predicted to be located in several cellular components, including Golgi apparatus; cytosol; and mitochondrion. Predicted to be part of protein phosphatase type 1 complex. Predicted to be active in endoplasmic reticulum. Is expressed in several structures, including central nervous system; genitourinary system; gut; hemolymphoid system gland; and liver. Used to study thalassemia. Orthologous to human PPP1R15A (protein phosphatase 1 regulatory subunit 15A).

Overview

Product Name	Anti-GADD34/Ppp1r15a Antibody Picoband® Biotin Conjugated
Reactive Species	Mouse
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P17564

Technical Details

Immunogen	E.coli-derived mouse GADD34/Ppp1r15a recombinant protein (Position: R14-R572).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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