

Rabbit Anti-Rat Deiodinase, Iodothyronine, Type III (DIO3) Polyclonal Antibody

Cat. No.: VD2N807

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for rat deiodinase, iodothyronine, type III. It is purified by Protein A Purified . It can be applied to WB, IHC, ICC and IP assays of rat deiodinase, iodothyronine, type III.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	Y1N306
Host	Rabbit
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat Deiodinase, Iodothyronine, Type III
Isotype	IgG
Immunogen	Recombinant protein of rat deiodinase, iodothyronine, type III
Purification	Protein A Purified
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Proclin 300
Buffer	0.01M Phosphate Buffered Saline, pH 7.4, with 50% glycerol
Physical State	Liquid

Target Information

Rat Deiodinase, Iodothyronine, Type III (DIO3) is an enzyme that inactivates thyroid hormones by converting T4 to reverse T3 (rT3) and T3 to T2. It is expressed in various tissues, including the placenta and brain, where it plays a crucial role in regulating local thy

oid hormone levels. DIO3 helps maintain thyroid hormone homeostasis and supports normal development and metabolism. In rats, this enzyme is essential for proper thyroid hormone regulation and overall physiological function.

Target	Rat Deiodinase, Iodothyronine, Type III
Target Synonym	ITDI3; TXDI3; Type-III 5'-deiodinase
Gene ID	29475
UniProt ID	P49897

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 12 months). 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.