

Datasheet for ABIN7436198
anti-DIO3 antibody (AA 37-169)[Go to Product page](#)

5 Images

Overview

Quantity:	100 µL
Target:	DIO3
Binding Specificity:	AA 37-169
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DIO3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Deiodinase, Iodothyronine, Type III (DIO3)
Immunogen:	Recombinant Deiodinase, Iodothyronine, Type III (DIO3) corresponding to Arg37~Thr169 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against DIO3. It has been selected for its ability to recognize DIO3 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	DIO3
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Target Details

Alternative Name: Deiodinase, Iodothyronine, Type III ([DIO3 Products](#))

Background: ITDI3, TXDI3, Type-III 5'-deiodinase

Pathways: [Hormone Activity](#)

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: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

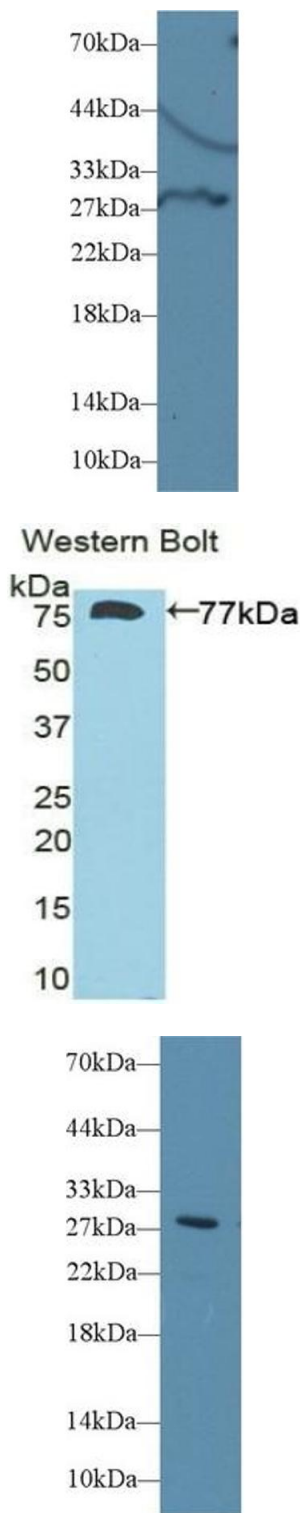
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: 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



Western Blotting

Image 1. Detection of DIO3 in Rat Liver lysate using Polyclonal Antibody to Deiodinase, Iodothyronine, Type III (DIO3)

Western Blotting

Image 2. Detection of Recombinant DIO3, Rat using Polyclonal Antibody to Deiodinase, Iodothyronine, Type III (DIO3)

Western Blotting

Image 3. Detection of DIO3 in Rat Blood Cells lysate using Polyclonal Antibody to Deiodinase, Iodothyronine, Type III (DIO3)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7436198.