

US Biological (antibodypab)

84-1663-04 [取扱停止] DIO3, CT (DIO3, ITDI3, TXD
I3, Type III iodothyronine deiodinase, 5DIII, DIOIII, T
ype 3 DI, Type-III 5'-deiodinase) (APC) 200ul 03464
5-APC



アズワン品番 84-1663-04

型番 034645-APC

入り数 1個

標準価格 -円

取扱停止



特徴

DIO3 belongs to the iodothyronine deiodinase family.

It catalyzes the inactivation of thyroid hormone by inner ring deiodination of the prohormone thyroxine (T4) and the bioactive hormone 3,3',5-triiodothyronine (T3) to inactive metabolites, 3,3',5'-triiodothyronine (RT3) and 3,3'-diiodothyronine (T2), respectively. This enzyme is highly expressed in the pregnant uterus, placenta, fetal and neonatal tissues, suggesting that it plays an essential role in the regulation of thyroid hormone inactivation during embryological development.

This protein contains a selenocysteine (Sec) residue, which is essential for efficient enzyme activity.

The selenocysteine is encoded by the UGA codon, which normally signals translation termination.

The 3' UTR of Sec-containing genes have a common stem-loop structure, the sec insertion sequence (SECIS), which is necessary for the recognition of UGA as a Sec codon rather than as a stop signal.

Applications: Suitable for use in Western Blot, Immunohistochemistry, FLISA

Recommended Dilution: FLISA: 1:1,000 Western Blot: 1:100-500 Immunohistochemistry: 1:50-100

Storage and Stability: Store product at 4°C in the dark.

DO NOT FREEZE! Stable at 4°C for 12 months after receipt as an undiluted liquid.

Dilute required amount only prior to immediate use.

Further dilutions can be made in assay buffer.

Caution: APC conjugates are sensitive to light.

For maximum recovery of product, centrifuge the original vial prior to removing the cap.

Note: Applications are based on unconjugated antibody.

仕様

Size: 200ul

Host: rabbit

Source Antibody: human

Grade: Affinity Purified

Purity: Purified by Protein A affinity chromatography.

Form: Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide and a stabilizer. Labeled with Allophycocyanin (APC).

Specificity: Human

Isotype: IgG

Calc Applications Abbrev: FLISA IHC WB

Calc Crossreactivity: Hu

Immunogen: DIO3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 249~278 amino acids from the C-terminal region of human DIO3.

Shelf Life: 6 months

Swiss Prot Number: P55073

EU Commodity Code: 30021010

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