

## Datasheet for ABIN2793501 **anti-DIO2 antibody (Center)**



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### Overview

|                      |                                                                          |
|----------------------|--------------------------------------------------------------------------|
| Quantity:            | 400 µL                                                                   |
| Target:              | DIO2                                                                     |
| Binding Specificity: | AA 165-191, Center                                                       |
| Reactivity:          | Human                                                                    |
| Host:                | Rabbit                                                                   |
| Clonality:           | Polyclonal                                                               |
| Conjugate:           | This DIO2 antibody is un-conjugated                                      |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS) |

### Product Details

|            |                                                                                                                                                                   |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:   | Rabbit Anti-Human DIO2 (Center) Antibody                                                                                                                          |
| Immunogen: | This DIO2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 165-191 amino acids from the Central region of human DIO2. |
| Isotype:   | Ig Fraction                                                                                                                                                       |

### Target Details

|                   |                                                                                                                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | DIO2                                                                                                                                                                                                                          |
| Alternative Name: | DIO2 ( <a href="#">DIO2 Products</a> )                                                                                                                                                                                        |
| Background:       | Target Description: DIO2 belongs to the iodothyronine deiodinase family. It activates thyroid hormone by converting the prohormone thyroxine (T4) by outer ring deiodination (ORD) to bioactive 3,3',5-triiodothyronine (T3). |

## Target Details

|                   |                                                                      |
|-------------------|----------------------------------------------------------------------|
|                   | Gene Symbol: DIO2                                                    |
| Molecular Weight: | 30552 Da                                                             |
| Gene ID:          | 1734                                                                 |
| UniProt:          | <a href="#">Q92813</a>                                               |
| Pathways:         | <a href="#">Hormone Transport</a> , <a href="#">Hormone Activity</a> |

## Application Details

|                    |                                                                                                                                                                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western Blot, Immunohistochemistry, Flow Cytometry<br>Recommended Dilutions<br>WB: 1:1000, IHC: 1:50-100, FC: 1:10-50Western blot analysis of DIO2 Antibody (Center) .FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                   |

## Handling

|                  |                                       |
|------------------|---------------------------------------|
| Format:          | Liquid                                |
| Concentration:   | 0.500 mg/mL                           |
| Storage:         | 4 °C,-20 °C                           |
| Storage Comment: | 2-8°C (short-term), -20°C (long-term) |