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Datasheet for ABIN5003355

**anti-GDPD1 antibody (AA 221-314) (Alexa Fluor 680)**

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | GDPD1                                                                                                                          |
| Binding Specificity: | AA 221-314                                                                                                                     |
| Reactivity:          | Human                                                                                                                          |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This GDPD1 antibody is conjugated to Alexa Fluor 680                                                                           |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                                |
|-----------------------|----------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human GDPD1/GDE4 |
| Isotype:              | IgG                                                            |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Cow,Sheep,Rabbit                           |
| Purification:         | Purified by Protein A.                                         |

## Target Details

|                   |                                                                           |
|-------------------|---------------------------------------------------------------------------|
| Target:           | GDPD1                                                                     |
| Alternative Name: | GDPD1/GDE4 ( <a href="#">GDPD1 Products</a> )                             |
| Background:       | Synonyms: 2610020H15Rik, GDE4, Glycerophosphodiester phosphodiesterase 4, |

## Target Details

glycerophosphodiester phosphodiesterase domain containing 1, RP23-352L3.1, GDPD1\_HUMAN.

Background: GDE4 is a 314 amino acid cytoplasmic and multi-pass membrane protein that belongs to the glycerophosphoryl diester phosphodiesterase family. Expressed in small intestine, placenta, kidney, ovary, thymus, pancreas, spleen, liver and peripheral blood leukocytes, GDE4 contains one GDPD domain and exists as three alternatively spliced isoforms. GDE4 is encoded by a gene that maps to human chromosome 17, which comprises over 2.5 % of the human genome and encodes over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1.

Gene ID: 284161

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months