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## Datasheet for ABIN5516748 **anti-GPR31 antibody (C-Term)**

### Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 100 µL                               |
| Target:              | GPR31                                |
| Binding Specificity: | C-Term                               |
| Reactivity:          | Human                                |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This GPR31 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                |

### Product Details

|                  |  |
|------------------|--|
| Immunogen:       | The immunogen is a synthetic peptide directed towards the C-terminal region of Human GPR31 |
| Sequence:        | QKRLREPEKQ PKLQRAQALV TLVVVLFALC FLPCFLARVL MHIFQNLGSC                                     |
| Characteristics: | This is a rabbit polyclonal antibody against GPR31. It was validated on Western Blot.      |
| Purification:    | Affinity Purified  |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | GPR31   |
| Alternative Name: | GPR31 ( <a href="#">GPR31 Products</a> )  |
| Background:       | GPR31 is a high-affinity receptor for 12-(S)-hydroxy-5,8,10,14- eicosatetraenoic acid (12-S-HETE). 12-(S)-HETE is an arachidonic acid metabolite secreted by platelets and tumor cells, and |

## Target Details

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known to induce endothelial cells retraction allowing invasive cell access to the subendothelial matrix, which is a critical step for extravasation or metastasis. Ligand-binding lead to activation of ERK1/2 (MAPK3/MAPK1), MEK, and NF-kappa-B.

Alias Symbols: GPR31,

Protein Size: 319

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Gene ID: 2853

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NCBI Accession: [NP\\_005290](#)

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UniProt: [O00270](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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Preservative: Sodium azide

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

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Storage: -20 °C

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Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.