

# NIT2 Polyclonal Antibody

Catalog Number:E-AB-16003

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

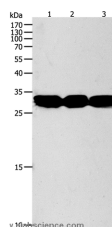
## Description

|                     |                                                     |
|---------------------|-----------------------------------------------------|
| <b>Reactivity</b>   | Human,Mouse                                         |
| <b>Immunogen</b>    | Synthetic peptide of human NIT2                     |
| <b>Host</b>         | Rabbit                                              |
| <b>Isotype</b>      | IgG                                                 |
| <b>Purification</b> | Affinity purification                               |
| <b>Conjugation</b>  | Unconjugated                                        |
| <b>Formulation</b>  | PBS with 0.05% sodium azide and 50% glycerol, PH7.4 |

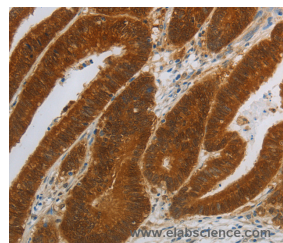
## Applications Recommended Dilution

|            |               |
|------------|---------------|
| <b>WB</b>  | 1:1000-1:5000 |
| <b>IHC</b> | 1:50-1:200    |

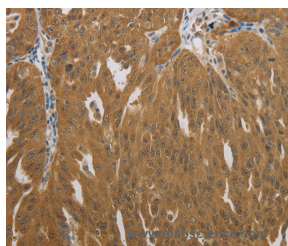
## Data



Western Blot analysis of Mouse liver and kidney tissue, RAW264.7 cell using NIT2 Polyclonal Antibody at dilution of 1:950  
**Calculated Mw:31kDa**



Immunohistochemistry of paraffin-embedded Human colon cancer using NIT2 Polyclonal Antibody at dilution of 1:40



Immunohistochemistry of paraffin-embedded Human ovarian cancer using NIT2 Polyclonal Antibody at dilution of 1:40

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

Has a omega-amidase activity. The role of omega-amidase is to remove potentially toxic intermediates by converting alpha-ketoglutaramate and alpha-ketosuccinamate to biologically useful alpha-ketoglutarate and oxaloacetate, respectively. Overexpression decreases the colony-forming capacity of cultured cells by arresting cells in the G2 phase of

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the cell cycle.

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