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Datasheet for ABIN761126  
**anti-GTPBP4 antibody (AA 301-400)**

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | GTPBP4  |
| Binding Specificity: | AA 301-400  |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This GTPBP4 antibody is un-conjugated   |
| Application:         | ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc)) |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human GTPBP4      |
| Isotype:              | IgG   |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Chicken, Rabbit |
| Purification:         | Purified by Protein A.  |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | GTPBP4                                     |
| Alternative Name: | Gtpbp4 ( <a href="#">GTPBP4 Products</a> ) |

## Target Details

|             |   |
|-------------|---|
| Background: | <p>Synonyms: Chronic renal failure gene protein, CRFG, G protein binding protein CRFG, GTP binding protein 4, NGB, NOG1, Nucleolar GTP binding protein 1, NOG1_HUMAN.</p> <p>Background: GTP-binding proteins are GTPases and function as molecular switches that can flip between two states: active, when GTP is bound, and inactive, when GDP is bound. 'Active' in this context usually means that the molecule acts as a signal to trigger other events in the cell. When an extracellular ligand binds to a G-protein-linked receptor, the receptor changes its conformation and switches on the trimeric G proteins that associate with it by causing them to eject their GDP and replace it with GTP. The switch is turned off when the G protein hydrolyzes its own bound GTP, converting it back to GDP. But before that occurs, the active protein has an opportunity to diffuse away from the receptor and deliver its message for a prolonged period to its downstream target. [Entrez Gene]</p> |
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|          |       |
|----------|-------|
| Gene ID: | 23560 |
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## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | ELISA 1:500-1000<br>IHC-P 1:200-400<br>IHC-F 1:100-500<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
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|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 µg/µL  |
| Buffer:            | 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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:           | 4 °C,-20 °C  |
| Storage Comment:   | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.                                    |
| Expiry Date:       | 12 months  |