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Datasheet for ABIN5003632

## anti-GLN1 antibody (AA 285-373) (Alexa Fluor 680)

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | GLN1  |
| Binding Specificity: | AA 285-373  |
| Reactivity:          | Human, Mouse  |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This GLN1 antibody is conjugated to Alexa Fluor 680   |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Glutamine syntase/Gl Syn |
| Isotype:              | IgG  |
| Cross-Reactivity:     | Human, Mouse   |
| Predicted Reactivity: | Rat,Dog,Cow,Pig,Horse,Rabbit   |
| Purification:         | Purified by Protein A.   |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | GLN1   |
| Alternative Name: | Glutamine synthetase ( <a href="#">GLN1 Products</a> ) |

## Target Details

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Background: Synonyms: GS, GLNS, PIG43, PIG59, Glutamine synthetase, Glutamate decarboxylase, Glutamate--ammonia ligase, GLUL  
Background: This enzyme has 2 functions: it catalyzes the production of glutamine and 4-aminobutanoate (gamma-aminobutyric acid, GABA), the latter in a pyridoxal phosphate-independent manner (By similarity). Essential for proliferation of fetal skin fibroblasts.

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Gene ID: 2752

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UniProt: [P15104](#)

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Pathways: [Positive Regulation of Peptide Hormone Secretion](#)

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## Application Details

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Application Notes: FCM 1:20-100  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: 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: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months

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