# GAD2 Antibody

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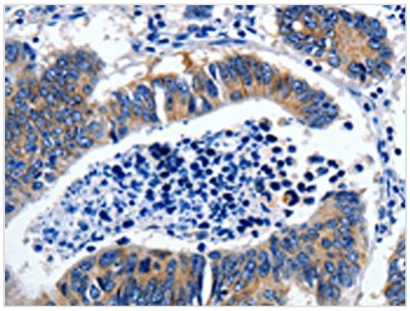
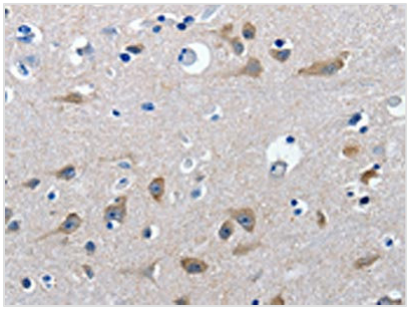
| **Product Code** | CSB-PA997765 |
| **Storage** | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |
| **Uniprot No.** | Q05329 |
| **Immunogen** | Synthetic peptide of Human GAD2 |
| **Raised In** | Rabbit |
| **Species Reactivity** | Human |
| **Tested Applications** | ELISA,IHC;ELISA:1:1000-1:5000,IHC:1:25-1:100 |
| **Relevance** | This gene encodes one of several forms of glutamic acid decarboxylase, identified as a major autoantigen in insulin-dependent diabetes. The enzyme encoded is responsible for catalyzing the production of gamma-aminobutyric acid from L-glutamic acid. A pathogenic role for this enzyme has been identified in the human pancreas since it has been identified as an autoantibody and an autoreactive T cell target in insulin-dependent diabetes. This gene may also play a role in the stiff man syndrome. Alternative splicing results in multiple transcript variants that encode the same protein. |
| **Form** | Liquid |
| **Conjugate** | Non-conjugated |
| **Storage Buffer** | -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol |
| **Purification Method** | Antigen affinity purification |
| **Isotype** | IgG |
| **Species** | Homo sapiens (Human) |
| **Target Names** | GAD2 |

**Image**



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using CSB-PA997765(GAD2 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using CSB-PA997765(GAD2 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)