

## GAD65 Antibody (YA758)

Cat. No.:	HY-P80682
Synonyms:	GAD65 Antibody (YA758) is a non-conjugated and Mouse originated monoclonal antibody about 65 kDa, targeting to GAD65 (6D5). It can be used for WB assays with tag free, in the background of Human, Rat.
Host:	Mouse
Reactivity:	Human,Rat
Conjugation:	Non-conjugated
SwissProt ID:	Q05329
Research Field:	Neuroscience
Molecular Weight:	Predicted band size: 65 kDa

### PROPERTIES

Formulation	Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide.					
Purity	affinity purified					
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.					
Appearance	Liquid					
Application & Dilution Ratio	<table border="1"> <thead> <tr> <th>Application</th> <th>Dilution Ratio</th> </tr> </thead> <tbody> <tr> <td>WB</td> <td>1:500-1:1,000</td> </tr> </tbody> </table>	Application	Dilution Ratio	WB	1:500-1:1,000	
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WB	1:500-1:1,000					
Shipping	Shipping with blue ice.					

### DESCRIPTION

Background	<p>GAD65 (6D5): 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. [provided by RefSeq, Oct 2008]</p>
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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