

## Product Datasheet

### GAD2 Antibody (Center) (orb1938434)

<b>Catalog Number</b>	orb1938434
<b>Category</b>	Antibodies
<b>Description</b>	Affinity Purified Rabbit Polyclonal Antibody (Pab)
<b>Target</b>	GAD2 (HGNC:4093)
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse, Porcine, Rat
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Immunogen</b>	This GAD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 109-138 amino acids from the Central region of human GAD2. Antigen Region: 109-138 aa.
<b>UniProt ID</b>	<b>Q05329</b>
<b>MW</b>	65411 Da
<b>Tested applications</b>	IF, IHC-P, WB
<b>Dilution range</b>	IF - 1:10-50, WB - 1:1000, IHC-P - 1:50-100

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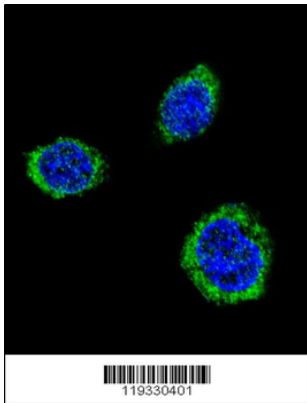
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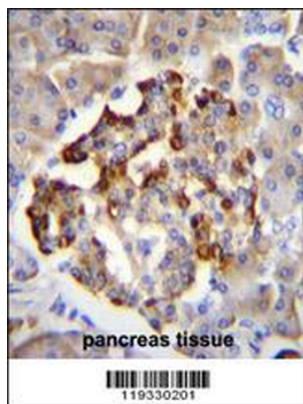
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>NCBI</b>	<b>NP_000809.1, NP_001127838.1</b>
<b>Expiration Date</b>	12 months from date of receipt.



Confocal immunofluorescent analysis of GAD2 Antibody (Center) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



GAD2 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of GAD2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

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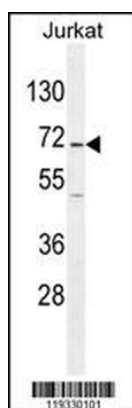
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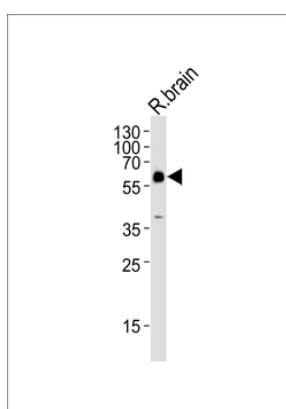
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GAD2 Antibody (Center) western blot analysis in Jurkat cell line lysates (35 ug/lane). This demonstrates the GAD2 antibody detected the GAD2 protein (arrow).



Western blot analysis of lysate from rat brain tissue lysate, using GAD2 Antibody (Center). diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary Antibody. Lysate at 35 ug.

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