

## Anti-GAD65 Rabbit pAb



WL05181

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-GAD65 Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:500-1:1000
<b>Pack size</b>	50/100/200/500/1000µl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

## General Information

<b>Background</b>	GAD2, also named as GAD65, belongs to the group II decarboxylase family. GAD2 catalyzes the production of GABA. It is responsible for the synthesis of the essential neurotransmitter gamma-aminobutyric acid (GABA) from L-glutamic acid. GAD2 is expressed in nervous and endocrine systems and are thought to be involved in synaptic transmission and INS secretion.
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<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of GAD65.
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<b>Purification</b>	Polyclonal antibody was purified by immunogen affinity chromatography.
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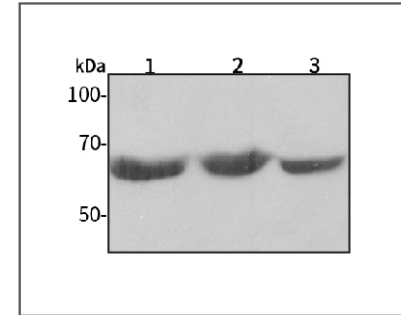
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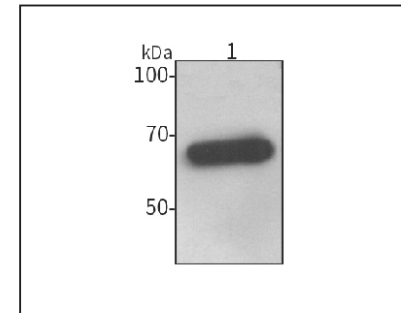
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## Product Images



## Western blot-Anti-GAD65 pAb

Lane 1: Human HeLa cell lysate  
 Lane 2: Human MCF-7 cell lysate  
 Lane 3: Human HEK-293 cell lysate  
 All lanes: Anti-GAD65 at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 65 kDa  
 Observed band size: 65 kDa



## Western blot-Anti-GAD65 pAb

Lane 1: Mouse kidney tissue lysate  
 All lanes: Anti-GAD65 at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 65 kDa  
 Observed band size: 65 kDa