

**Manufacturer/Supplier:**

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**Product name:** Rabbit anti-GAD1/2 Antibody

**Catalog:** DL90457A

**Synonyms:** GAD1; GAD; GAD67; Glutamate decarboxylase 1;  
67 kDa glutamic acid decarboxylase; GAD-67;  
Glutamate decarboxylase 67 kDa isoform; GAD2;  
GAD65; Glutamate decarboxylase 2; 65 kDa  
glutamic acid decarboxylase; GAD-65; Glutamate  
decarboxylase 65 kDa isoform

**Immunogen:** KLH-conjugated synthetic peptide encompassing a  
sequence within the C-term region of human  
GAD1/2. The exact sequence is proprietary.

**Form:** Liquid

**Concentration:** 1mg/mL

**Size:** 100 ul/50 ul

**Host:** Rabbit

**Reactivity:**

Human, Mouse, Rat, Bovine, Dog, Pig

**Application:** WB, IHC**Clonality:** Polyclonal

**Dilution:** WB (1/500 - 1/1000),  
IHC (1/100 - 1/200)

**Entrez Gene:** 14415; 14417

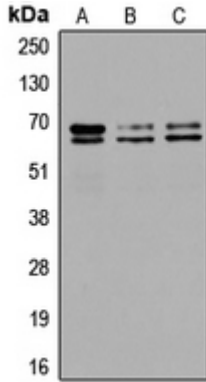
**SwissProt:** Q99259; Q05329/P48318; P48320

**Purification:** The antibody was purified by immunogen affinity chromatography.

**Buffer:** Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

**WB description:**

Western blot analysis of GAD1/2 expression in SKNSH (A), SP2/0 (B), PC12 (C) whole cell lysates.



### IHC description:

Immunohistochemical analysis of GAD1/2 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

### Storage:

Store at -20°C. Avoid repeated freeze / thaw cycles.