

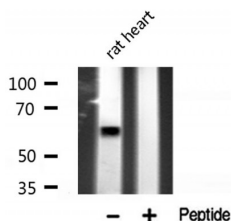
GAD1/2 Ab

Cat.#: AF0711
Size: 100ul,200ul

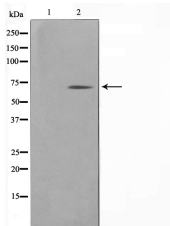
Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 65kDa
Clonality: Polyclonal

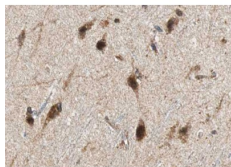
Application:	WB 1:500-1:2000 IHC 1:50-1:200
Reactivity:	Human,Mouse
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	GAD1/2 Ab detects endogenous levels of GAD1/2.
Immunogen:	A synthesized peptide derived from human GAD1/2.
Uniprot:	Q99259/Q05329
Description:	GAD2 Catalyzes the production of GABA. Homodimer. Belongs to the group II decarboxylase family. GAD67 Catalyzes the production of GABA. Homodimer. Isoform 3 is expressed in pancreatic islets, testis, adrenal cortex, and perhaps other endocrine tissues, but not in brain. Belongs to the group II decarboxylase family. 3 isoforms of the human protein are produced by alternative splicing.
Tissue Specificity:	Isoform 3 is expressed in pancreatic islets, testis, adrenal cortex, and perhaps other endocrine tissues, but not in brain.
Similarity:	Belongs to the group II decarboxylase family.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of GAD1/2 expression in Rat heart lysate



Western blot analysis on mouse brain cell lysate using GAD1/2 Ab. The lane on the left is treated with the antigen-specific peptide.



AF0711 at 1/100 staining human brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.