



Anti-GAD1 (aa 526-537) polyclonal antibody (DPABH-20152)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Catalyzes the production of GABA.
Immunogen	Synthetic peptide: C-PDSPQRREKLHK, corresponding to internal sequence amino acids 526-537 of Human GAD1 (NP_000808.2).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse, Rat, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	50 µg
Buffer	Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name [GAD1 glutamate decarboxylase 1 \(brain, 68kDa\) \[Homo sapiens \]](#)

Official Symbol	GAD1
Synonyms	GAD1; glutamate decarboxylase 1 (brain, 67kDa); GAD; SCP; CPSQ1; glutamate decarboxylase 1; GAD-67; 67 kDa glutamic acid decarboxylase; glutamate decarboxylase 67 kDa isoform;
Entrez Gene ID	2571
Protein Refseq	NP_000808.2
UniProt ID	Q8IVA8
Pathway	Alanine and aspartate metabolism; Alanine, aspartate and glutamate metabolism; Butanoate metabolism; GABA (gamma-Aminobutyrate) shunt
Function	glutamate binding; glutamate decarboxylase activity; protein N-terminus binding; protein binding