



Anti-GAD2 (aa 515-528) polyclonal antibody (DPABH-02352)

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-TLEDNEERMSRLSK, corresponding to internal sequence amino acids 515-528 of Human GAD65.
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	50 µg
Buffer	pH: 7.30; Constituents: Tris buffered saline, 0.5% BSA
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 [GAD2 glutamate decarboxylase 2 \(pancreatic islets and brain, 66kDa\) \[Homo sapiens \]](#)

Official Symbol	GAD2
Synonyms	GAD2; glutamate decarboxylase 2 (pancreatic islets and brain, 65kDa); GAD65; glutamate decarboxylase 2; GAD-65; 65 kDa glutamic acid decarboxylase; Glutamate decarboxylase-2 (pancreas); glutamate decarboxylase 65 kDa isoform;
Entrez Gene ID	2572
Protein Refseq	NP_000809.1
UniProt ID	Q05329
Pathway	Alanine and aspartate metabolism; Alanine, aspartate and glutamate metabolism; Butanoate metabolism; GABA (gamma-Aminobutyrate) shunt
Function	glutamate binding; glutamate decarboxylase activity; protein binding; protein heterodimerization activity