ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-GAD25 / GAD67 Antibody

Item Number	dAP-2489
Target Molecule	Principle Name: GAD25 / GAD67; Official Symbol: GAD1; All Names and Symbols: GAD1; glutamate decarboxylase 1 (brain, 67kDa); FLJ45882; GAD; SCP; 67 kDa glutamic acid decarboxylase; GAD-67; OTTHUMP00000204990; OTTHUMP00000204993; OTTHUMP00000204994; OTTHUMP00000204995; glutamate decarboxylase 1; glutamate decarboxylase 67 kDa isofo; Accession Number (s): NP_038473.2; NP_000808.2; Human Gene ID(s): 2571; Non-Human GeneID(s):
Immunogen	QRTNSLEEKSR, is from internal region This antibody is expected to recognize both reported isoforms (NP_038473.2; NP_000808.2).
Applications	Pep ELISA, WB Species Tested: Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Approx 70kDa band observed in Mouse Brain lysates (calculated MW of 66.6kDa according to Mouse NP_032103.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Wang G, Wang R, Ferris B, Salit J, Strulovici-Barel Y, Hackett NR, Crystal RG. Smoking-mediated up-regulation of GAD67 expression in the human airway epithelium Respir Res. 2010 Oct 29;11:150..PMID: 21034448->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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