

Anti-GAD1-Isoform antibody (Internal) (STJ71805)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/IF/FC
Host / Source	Goat
Reactivity	Human/Mouse/Rat/Dog/Cow/Pig

PRODUCT PROPERTIES

Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:128000. WB: Approx 70kDa band observed in Human Cerebellum, and in Mouse and Rat Brain lysates (calculated MW of 66.9kDa according to Human NP_000808.2, and 66.6kDa according to Mouse NP_032103.2)
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

Gene ID	2571
Gene Symbol	GAD1
UniProt ID	DCE1_HUMAN
Immunogen Region	Internal
Immunogen Sequence	PDSPQRREKLHK
Specificity	This antibody is expected to recognize isoform GAD67. There is no cross-reactivity expected with GAD2.

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



STJ71805 (0. 5µg/ml) staining of Human Brain (Cerebral Cortex) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.