

Anti-GAD2 antibody (401-585) (STJ23739)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

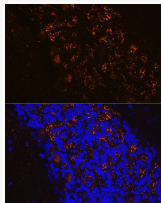
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 65kDa Observed Mw: 60kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

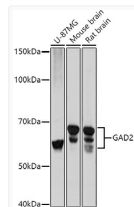
Gene ID	2572
Gene Symbol	GAD2
UniProt ID	DCE2_HUMAN
Immunogen Region	401-585
Immunogen Sequence	PLQCSALLVREEGLMQNCNQ MHASYLFQQDKHYDLSYDTG DKALQCGRHVDVFKLWLMWR AKGTTGFEAHVCKCLELAEY LYNIKNREGYEMVFDGKPKQ HTNVCFWYIPPSLRTLEDNE ERMSRLSKVAPVIKARMM EY GTTMVSYQLGDKVNFRRMV ISNPAATHQDIDFLIEEIER LGQDL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 401-585 of human GAD65/GAD2 (NP_001127838.1).

ADDITIONAL INFORMATION

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



Immunofluorescence analysis of rat brain cells using GAD65/GAD2 Rabbit polyclonal antibody (STJ23739) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using GAD65/GAD2 antibody (STJ23739) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.