Anti-GAD1 antibody (1-200) (STJ23736)

STJ23736

GENERAL INFORMATION

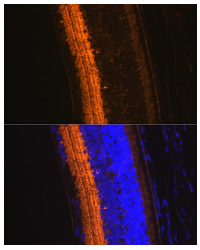
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

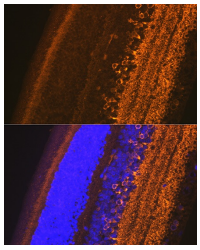
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

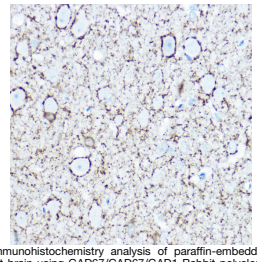
Gene ID	2571
Gene Symbol	GAD1
Uniprot ID	DCE1_HUMAN
Immunogen	
Immunogen Region	1-200
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 432-594 of human GAD67/GAD1 (NP_000808.2).
Immunogen Sequence	AGYLFQPDKQYDVSYDTGDK AIQCGRHVDIFKFWLMWKAK GTVGFENQINKCLELAEYLY AKIKNREEFEMVFNGEPEHT NVCFWYIPQSLRGVPDSPQR REKLHKVAPKIKALMMESGT TMVGYQPQGDKANFFRMVIS NPAATQSDIDFLIEEIERLG QDL



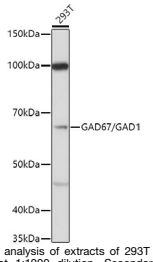
Immunofluorescence analysis of mouse eye cells using GAD67/GAD1 Rabbit polyclonal antibody (STJ23736) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat eye cells using GAD67/GAD1 Rabbit polyclonal antibody (STJ23736) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded rat brain using GAD67/GAD67/GAD1 Rabbit polyclonal antibody (STJ23736) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of 293T cells, using (STJ23736) 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: 10s.

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