Anti-CACNA2D3 antibody (STJ13100086)

STJ13100086

GENERAL INFORMATION

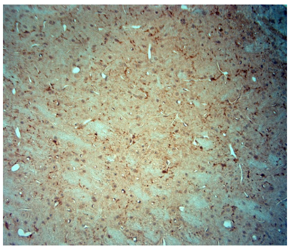
Product Type	Primary antibodies
Short Description	Nz White Rabbit polyclonal antibody anti-CACNA2D3 is suitable for use in Immunohistochemistry and Western Blot research applications.
Applications	IHC, WB
Host/Source	NZ White Rabbit
Reactivity	Mouse, Rat

PRODUCT PROPERTIES

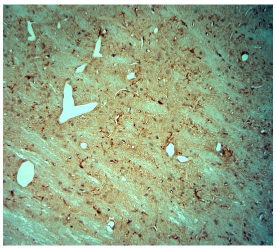
Clonality	Polyclonal
Clone ID	
Concentration	
Conjugation	Unconjugated
Purification	Whole serum
Dilution Range	A dilution of 1:1000 is recommended. The optimal dilution should be determined by the end user. Not yet tested in other applications.
Formulation	Shipped as lyophilised. Reconstitute in 100 µl of sterile water. Centrifuge to remove any insoluble material.
Isotype	IgG
Storage Instruction	Maintain the lyophilised/reconstituted antibodies frozen at-20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.

TARGET INFORMATION

Gene ID	12294
Gene Symbol	Cacna2d3
Uniprot ID	CA2D3_MOUSE
Immunogen	A synthetic peptide from rat CACNA2D3 conjugated to blue carrier protein was used as the antigen. The peptide is identical in mouse.
Immunogen Region	
Specificity	Specific for CACNA2D3.
Immunogen Sequence	



IHC-P on paraffin sections of mouse brain. The animal was perfused using Autoperfuser at a pressure of 130 mmHg with 300 ml 4% FA being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min using Thermo PT Module. Blocking: 0.2% LFDM in TBST filtered thru 0. 2 um. Detection was done using Novolink HRP polymer from Leica following manufacturer's instructions; DAB chromogen. Primary antibody dilution 1: 1000, incubated 30 min at RT using Autostainer. Sections were counterstained with Harris Hematoxylin



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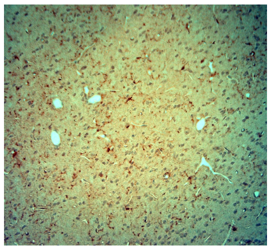

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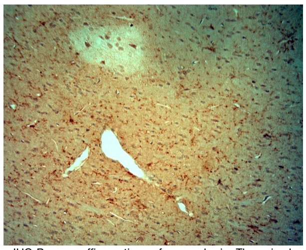

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St John’s Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081