

Anti-CACNA2D1 antibody (600-650) (STJ13100110)

STJ13100110

GENERAL INFORMATION

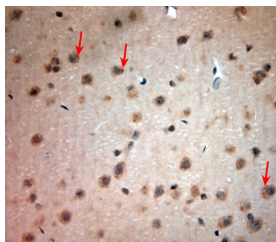
Product Type	Primary antibodies
Short Description	Nz White Rabbit polyclonal antibody anti-CACNA2D1 (600-650) is suitable for use in Immunohistochemistry and Western Blot research applications.
Applications	IHC, WB
Host/Source	NZ White Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

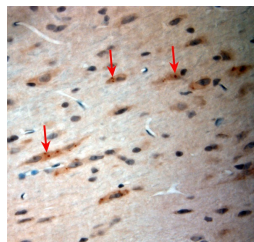
Clonality	Polyclonal
Clone ID	
Concentration	
Conjugation	Unconjugated
Purification	Whole serum
Dilution Range	A dilution of 1:1000 to 1:3000 is recommended. The optimal dilution should be determined by the end user. Not yet tested in other applications.
Formulation	Shipped as lyophilised. Reconstitute in 100 µl of sterile water. Centrifuge to remove any insoluble material.
Isotype	IgG
Storage	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term.
Instruction	When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.

TARGET INFORMATION

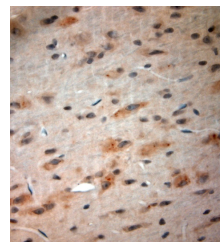
Gene ID	781
Gene Symbol	CACNA2D1
Uniprot ID	CA2D1_HUMAN
Immunogen	A synthetic peptide from aa region 600-650 of human CACNA2D1 conjugated to blur carrier protein was used as the antigen. The peptide is homologous in rat and mouse.
Immunogen Region	600-650
Specificity	Specific for CACNA2D1.
Immunogen Sequence	



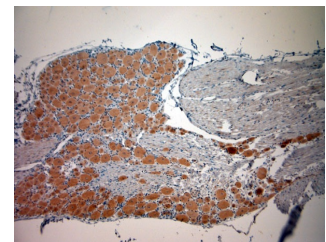
IHC-P on paraffin sections of rat brain. The animal was perfused using Autoperfuser at a pressure of 110 mmHg with 300 ml 4% FA and further post fixed overnight before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min using Thermo PT Module. Blocking: 0.2% LFD in TBSST filtered thru 0.2 µm. Detection was done using Novolink HRP polymer from Leica following manufacturer's instructions. Primary antibody dilution 1: 1000, incubated 30 min at RT using Autostainer. Sections were counterstained with Harris Hematoxylin.



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IHC-P on paraffin sections of rat DRG. The animal was perfused using Autoperfuser at a pressure of 110 mmHg with 300 ml 4% FA and further post fixed overnight before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min using Thermo PT Module. Blocking: 0.2% LFD in TBSST filtered thru 0.2 µm. Detection was done using Novolink HRP polymer from Leica following manufacturer's instructions. Primary antibody dilution 1: 1000, incubated 30 min at RT using Autostainer. Sections were counterstained with Harris Hematoxylin.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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