CACNA2D1 Antibody, Rabbit PAb, Antigen Affinity Purified

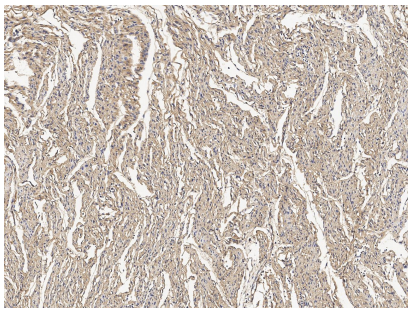
Catalog Number: 202658-T44

GENERAL INFORMATION	
Immunogen:	E. coli-derived Human CACNA2D1 fragment
Preparation	Produced in rabbits immunized with E. coli-derived Human CACNA2D1 fragment, and purified by antigen affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Human CACNA2D1
Formulation:	PBS, pH7.0 with 0.03% Proclin300
Storage:	This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Avoid repeated freeze-thaw cycles.
APPLICATIONS	
Applications:	WB, IHC-P, IP
RECOMMENDED CONCENTRATION	
Western Blot	WB: 1:500-1:2000
IHC-P	IHC-P: 1:50-1:200
IP	IP:1-5 μL/mg of lysate

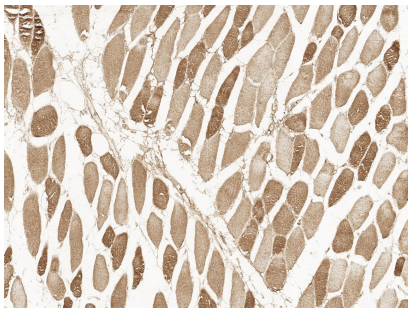
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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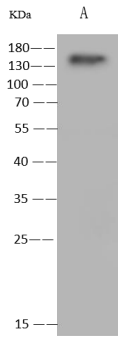
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Immunochemical staining of human CACNA2D1 in human heart with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



Immunochemical staining of human CACNA2D1 in human muscle with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

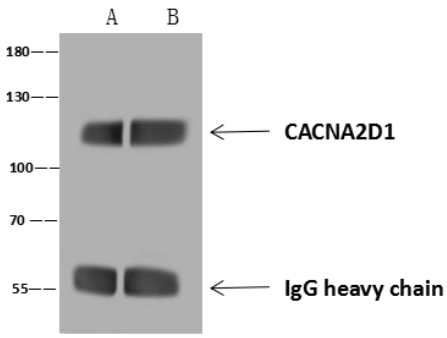


Anti-CACNA2D1 rabbit polyclonal antibody at 1:500 dilution
Lane A: SHSY-5Y Whole Cell Lysate

Lysates/proteins at 30 µg per lane.
Secondary
Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.

Developed using the ECL technique.
Performed under reducing conditions.

Predicted band size:125 kDa
Observed band size:150 kDa



CACNA2D1 was immunoprecipitated using:
Lane A:0.5 mg SHSY-5Y Whole Cell Lysate
Lane B:0.5 mg U87-MG Whole Cell Lysate

4 µL anti-CACNA2D1 rabbit polyclonal antibody and 60 µg of Immunomagnetic beads Protein A/G.

Primary antibody:
Anti-CACNA2D1 rabbit polyclonal antibody,at 1:100 dilution

Secondary antibody:
Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution

Developed using the ECL technique.
Performed under reducing conditions.

Predicted band size: 125 kDa
Observed band size :125 kDa