

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Nav1.5



Numéro de catalogue: 23016-1-AP

6 Publications

Informations de base

Numéro de catalogue: 23016-1-AP	Numéro d'acquisition GenBank: BC140813	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 750 µg/ml by Nanodrop and 600 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 6331	Dilutions recommandées: WB 1:500-1:1000 IHC 1:50-1:500
Hôte: Lapin	Nom complet: sodium channel, voltage-gated, type V, alpha subunit	
Isotype: IgG	MW calculé 2016 aa, 227 kDa	
Immunogen Catalog Number: AG19275	MW observés: 227 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cardiaque de souris,

IHC : tissu de muscle squelettique de souris,

Informations générales

Voltage-gated sodium channels are responsible for initiation and propagation of action potentials in the membranes of neurons and most electrically excitable cells (PMID: 10798388). These channels are composed of a large alpha subunit that forms the ion conduction pore and auxiliary beta subunits (PMID: 11486343). The alpha subunits form a gene family with at least 10 members. Nav1.5, encoded by the SCN5A gene in humans, is a pore forming alpha subunit of voltage-gated sodium channels. Nav1.5 is the principal Na⁺ channel isoform expressed in cardiomyocytes. Mutations in SCN5A gene have been linked to many cardiac electrical disorders, including the congenital and acquired long QT syndrome, Brugada syndrome, conduction slowing, sick sinus syndrome, atrial fibrillation, and dilated cardiomyopathy (PMID: 23123192).

Publications notables

Autrice	Pubmed ID	Journal	Application
Ling-Ling Qian	34487812	Biochim Biophys Acta Mol Basis Dis	WB
Gang Yu	30282806	J Biol Chem	WB
Kuang-Yung Lee	35567413	Hum Mol Genet	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

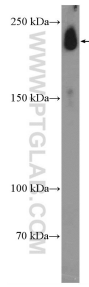
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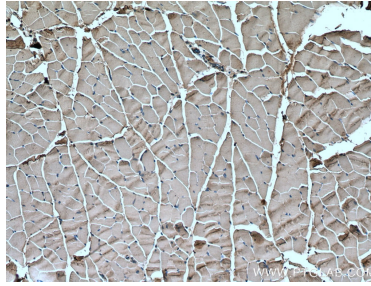
E: proteintech@ptglab.com
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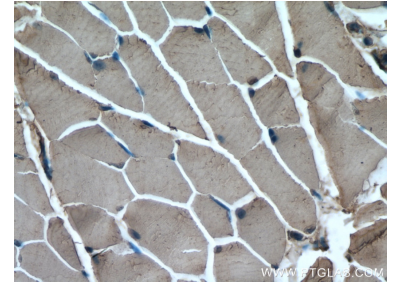
Données de validation sélectionnées



mouse heart tissue were subjected to SDS PAGE followed by western blot with 23016-1-AP (Nav1.5 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 23016-1-AP (Nav1.5 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 23016-1-AP (Nav1.5 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).