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Datasheet for ABIN2855522  
**anti-CACNA1S antibody (Center)**

2 Images

Overview

Quantity:	100 µL
Target:	CACNA1S
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNA1S antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human CACNA1S. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine), Cat (Feline), Rabbit, Rat (Rattus)
Cross-Reactivity (Details):	Mouse (93 %), Cat (95 %), Rabbit (94 %), Rat (95 %)
Characteristics:	Rabbit Polyclonal antibody to Cav1.1 Cav1.1 antibody [N2N3]
Purification:	Purified by antigen-affinity chromatography.

## Target Details

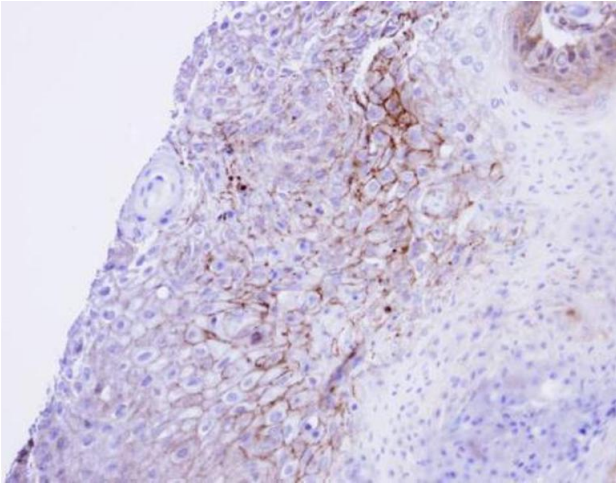
Target:	CACNA1S
Alternative Name:	Cav1.1 ( <a href="#">CACNA1S Products</a> )
Background:	This gene encodes one of the five subunits of the slowly inactivating L-type voltage-dependent calcium channel in skeletal muscle cells. Mutations in this gene have been associated with hypokalemic periodic paralysis, thyrotoxic periodic paralysis and malignant hyperthermia susceptibility.  Cellular Localization: Membrane
Molecular Weight:	212 kDa
Gene ID:	779
Pathways:	<a href="#">Skeletal Muscle Fiber Development</a>

## Application Details

Application Notes:	Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceIHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: 293T , A431 , H1299 , HeLa , HepG2 , Molt-4 , Raji
Restrictions:	For Research Use only

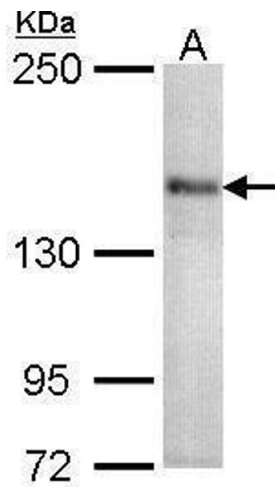
## Handling

Format:	Liquid
Concentration:	0.67 mg/mL
Buffer:	1XPBS, 10 % Glycerol ( pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



### Immunohistochemistry

**Image 1.** IHC-P Image Immunohistochemical analysis of paraffin-embedded Cal27 xenograft , using CACNA1S, antibody at 1:100 dilution.



### Western Blotting

**Image 2.** WB Image Sample (30 ug of whole cell lysate) A: 293T 5% SDS PAGE antibody diluted at 1:1000