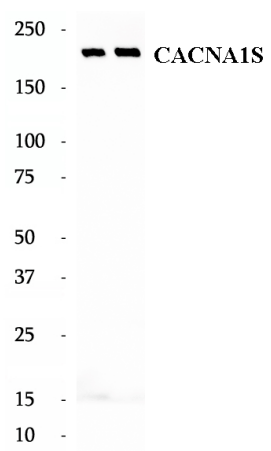


## Certificate of Analysis

Catalog Number	BP60614
Product Name	Anti-CACNA1S antibody

## Physical and Chemical Properties

Molecular Weight	200-220 kDa
GenBank	NM_000069
Uniprot	Q13698
Concentration	260 µg/ml
Form	Liquid
Storage Instruction	10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at -20°C. Do Not Aliquot.
Chemical Structure OR Tested Image	

## Product Information

Description	CACNA1S, also named as CACH1, CACN1 and CACNL1A3, belongs to the calcium channel alpha-1 subunit (TC 1.A.1.11) family and CACNA1S subfamily. Voltage-sensitive calcium channels (VSCC) mediate the entry of calcium ions into excitable cells and are also involved in a variety of calcium-dependent processes, including muscle contraction, hormone or neurotransmitter release, gene expression, cell motility, cell division and cell death. CACNA1S gives rise to L-type calcium currents. Long-lasting (L-type) calcium channels belong to the 'high-voltage activated' (HVA) group. The antibody is specific to CACNA1S.
Tested Applications	WB: 1:1000; IF: 1:100-1:300; IHC:1:50-1:200
Species Reactivity	Human, Mouse, Rat
Host Species/Isotype	Rabbit/IgG

## Analytical Data

Quality Assurance	The biological and chemical parameters such as concentration, purity, application and specificity of the tested antibody comply with the above-mentioned criteria of the product.
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