

## CAB16785

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### Product Information

<b>Product SKU:</b>	CAB16785	<b>Gene ID:</b>	776	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Rat

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### Additional Information

<b>Observed MW:</b>	245kDa	<b>Conjugate:</b>	-
<b>Calculated MW:</b>	245kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**Background:** Voltage-dependent calcium channels 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, and gene expression. Calcium channels are multisubunit complexes composed of alpha-1, beta, alpha-2/delta, and gamma subunits. The channel activity is directed by the pore-forming alpha-1 subunit, whereas the others act as auxiliary subunits regulating this activity. The distinctive properties of the calcium channel types are related primarily to the expression of a variety of alpha-1 isoforms, namely alpha-1A, B, C, D, E, and S. This gene encodes the alpha-1D subunit. Several transcript variants encoding different isoforms have been found for this gene.

**Recommended Dilution:** WB,1:500 - 1:2000

**Synonyms:** CACH3; CACN4; PASNA; SANDD; Cav1.3; CCHL1A2; CACNL1A2; CACNA1D

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1882-2181 of human CACNA1D (NP\_000711.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.