

# Product Datasheet

## Cav1.2 Antibody NBP1-20896

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-20896**

Cav1.2 Antibody

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

**Product Description**

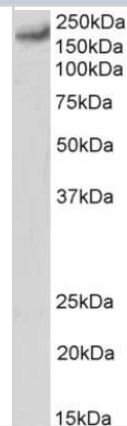
<b>Description</b>	Novus Biologicals Goat Cav1.2 Antibody (NBP1-20896) is a polyclonal antibody validated for use in WB and ELISA. Anti-Cav1.2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	775
<b>Gene Symbol</b>	CACNA1C
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is expected to recognise all reported human isoforms.
<b>Immunogen</b>	Peptide with sequence C-RARGRPSEELQD, from the C Terminus of the protein sequence according to NP_000710.5; NP_955630.2; NP_001161097.1; NP_001123299.1; NP_001123301.1; NP_001161096.1; NP_001123302.1; NP_001123303.1 and more.

**Product Application Details**

<b>Applications</b>	Western Blot, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Peptide ELISA Detection limit 1:64000
<b>Application Notes</b>	Approx. 200kDa band observed in Human Heart lysate (calculated MW of 240kDa according to NP_000710.5).

**Images**

Western Blot: Cav1.2 Antibody [NBP1-20896] - (1ug/ml) staining of Human Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Saud ZA, Minobe E, Wang WY et al. Calpastatin binds to a calmodulin-binding site of cardiac Cav1.2 Ca<sup>2+</sup> channels. Biochem Biophys Res Commun 2007-12-14 [PMID: 17950697]





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### **Products Related to NBP1-20896**

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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
210-TA-005	TNF-alpha [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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