



Datasheet for ABIN6736360  
**anti-CACNB2 antibody (N-Term)**



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3 Images

Overview

Quantity:	100 µL
Target:	CACNB2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Rabbit, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNB2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from N-Terminus of human CACNB2 (Q6TME2, NP_963866). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Mouse, Rat, Bovine, Rabbit (100%).  Type of Immunogen: Synthetic peptide
Specificity:	Human CACNB2
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Bovine (100%).
Purification:	Immunoaffinity purified

## Target Details

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Target:	CACNB2
Alternative Name:	CACNB2 ( <a href="#">CACNB2 Products</a> )
Background:	Name/Gene ID: CACNB2 Subfamily: Calcium channel - beta subunit Family: Ion Channel  Synonyms: CACNB2, Cavbeta2, Cchb2, CACNLB2, MYSB, CAB2, CAVB2
Gene ID:	783
NCBI Accession:	<a href="#">NP_963866</a>
UniProt:	<a href="#">Q08289</a>
Pathways:	<a href="#">Skeletal Muscle Fiber Development</a>

## Application Details

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Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)  Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

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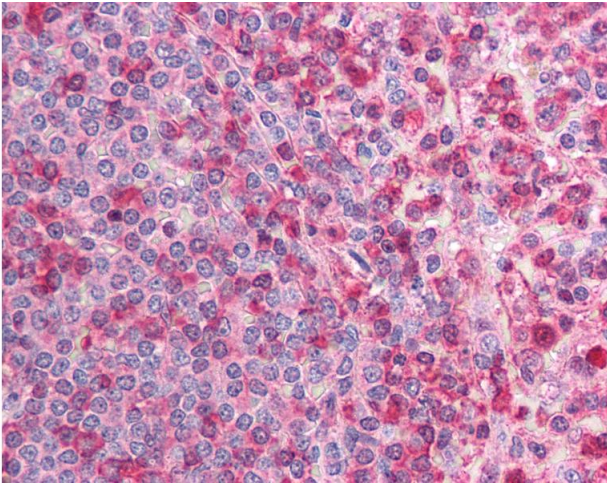
Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.

## Handling

Storage: 4 °C, -20 °C

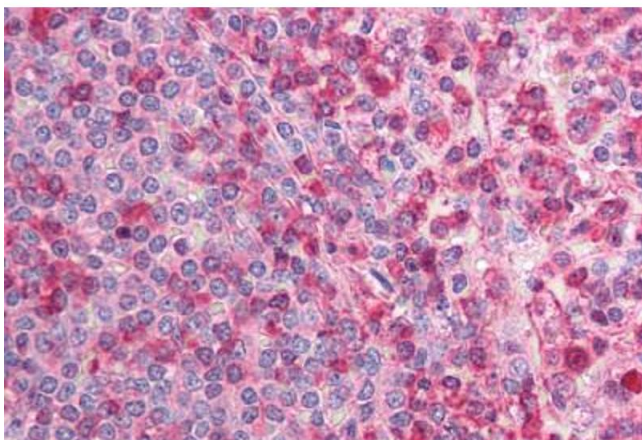
Storage Comment: Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)  
Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

## Images



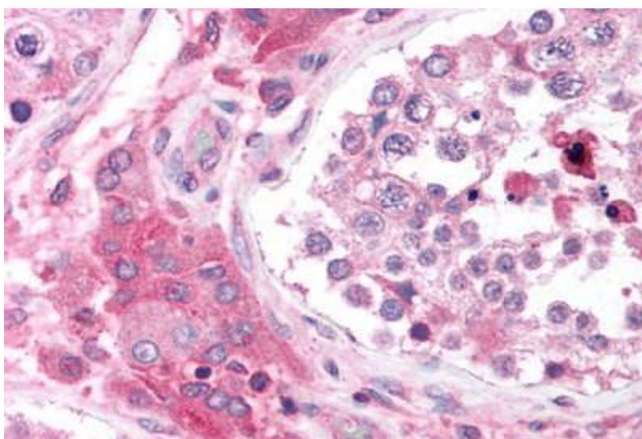
### Immunohistochemistry

**Image 1.** Anti-CACNB2 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other fo ...



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Human Spleen (formalin-fixed, paraffin-embedded) stained with CACNB2 antibody ABIN214732 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Human Testis (formalin-fixed, paraffin-embedded) stained with CACNB2 antibody ABIN214732 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.