BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Calnexin CANX Antibody

Catalog Number:A03372

Overview

Product Name	Anti-Calnexin CANX Antibody
Reactive Species	Human, Mouse, Rat
Description	Rabbit Polyclonal antibody for CANX detection. Tested positive for IF, IF, IHC, IP, WB in Human, Mouse, Rat
Application	IP, IF, IHC, WB
Clonality	Polyclonal
Formulation	Liquid. In PBS, pH 7.2, containing 50% glycerol and 0.09% sodium azide.
Storage Instructions	-20°C
Host	Rabbit
Uniprot ID	P24643

Technical Details

Immunogen	Synthetic peptide corresponding to the sequence near the C-terminus of dog calnexin. The sequence is completely conserved in human, mouse and rat.
Form	Liquid. In PBS, pH 7.2, containing 50% glycerol and 0.09% sodium azide.
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Protein A affinity purified.
Suggested Dilutions	Western Blot (1:1,000, colorimetric) Suggested dilutions/conditions may not be available for all applications. Optimal conditions must be determined individually for each application. For protocols please visit https://www.bosterbio.com/protocol-and-troubleshooting/

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Anti-Calnexin CANX Antibody (A03372) Images

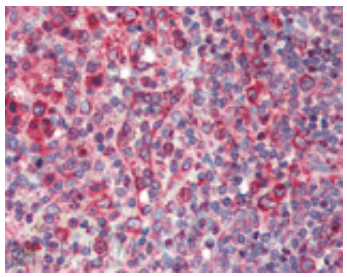

Figure 1. IHC analysis of CANX using anti-CANX antibody (A03372).
CANX was detected in paraffin-embedded section. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-CANX Antibody (A03372) overnight at 4°C. Biotinylated goat anti Rabbit IgG antibody was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Strepavidin-Biotin-Complex (SABC)(Catalog # SA1022) with DAB as the chromogen.

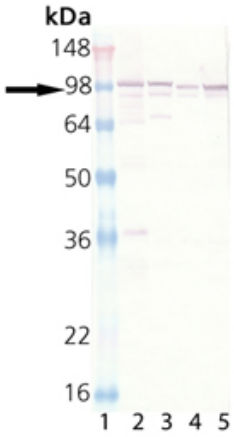

Figure 2. Western blot analysis of CANX using anti-CANX antibody (A03372).
Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions.
After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-CANX antigen affinity purified polyclonal antibody (Catalog # A03372) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-Rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # SA1022) with Tanon 5200 system. A specific band was detected for CANX.