BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Caspase-6(P18)/CASP6 Antibody Picoband®

Catalog Number: PA1441-1

About Casp6

Caspase 6 is an enzyme that in humans is encoded by the caspase 6 gene. This gene encodes a protein that is a member of the cysteine-aspartic acid protease (caspase) family. Using radiation hybrid mapping, the Caspase 6 gene is localized to human chromosome 4q25-q26. Caspase 6 functions as a downstream enzyme in the caspase activation cascade. And Caspase 6 can cleave lamin A to its signature apoptotic fragment.

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Overview

Product Name	Anti-Caspase-6(P18)/CASP6 Antibody Picoband®
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-Caspase-6 (P18)/CASP6 Antibody catalog # PA1441-1. Tested in IHC, WB applications. This antibody reacts with Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O35397

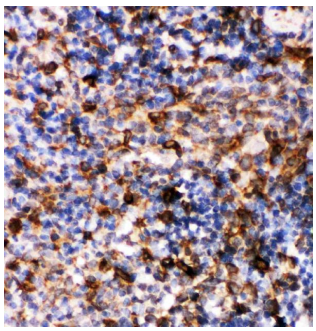
Technical Details

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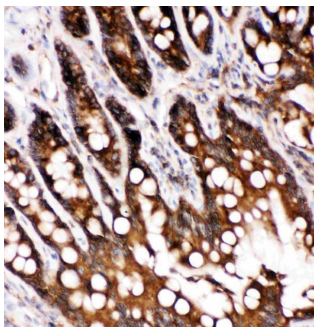
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of rat Caspase-6(P18), different from the related mouse sequence by two amino acids.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P) and IHC(F).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Mouse, Rat Immunohistochemistry (Frozen Section), 0.5-1ug/ml, Rat, Mouse Western blot, 0.1-0.5ug/ml, Mouse, Rat

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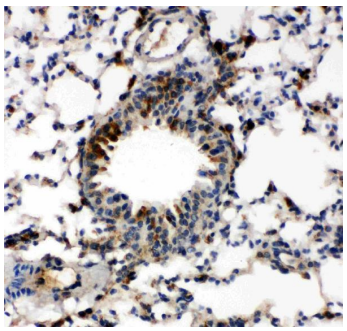
Anti-Caspase-6(P18)/CASP6 Antibody Picoband® (PA1441-1) Images



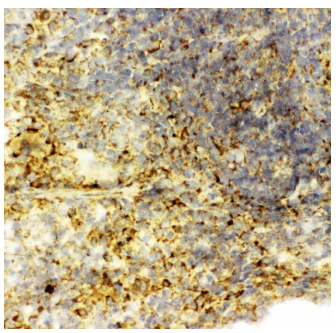
Anti-Caspase-6(P18) antibody, PA1441-1, IHC(P)IHC(P): Rat Spleen Tissue



Anti-Caspase-6(P18) antibody, PA1441-1, IHC(P)IHC(P): Rat Intestine Tissue



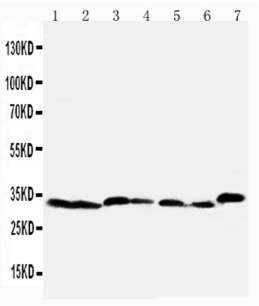
Anti-Caspase-6(P18) antibody, PA1441-1, IHC(P)IHC(P): Mouse Lung Tissue



Anti-Caspase-6(P18) antibody, PA1441-1, IHC(F)IHC(F): Rat Spleen Tissue

Anti-Caspase-6(P18) antibody, PA1441-1, Western blottingLane 1: Rat Liver Tissue LysateLane 2: Rat Kidney Tissue LysateLane 3: Rat Testis Tissue LysateLane 4: NRK Cell LysateLane 5: Mouse Liver Tissue LysateLane 6: Mouse Kidney Tissue LysateLane 7: Mouse Testis Tissue Lysate

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For Research Use Only. Not for use in diagnostic procedures.