

Anti-active + pro Caspase 3 CASP3 Rabbit Monoclonal Antibody

Catalog Number: M00334-4

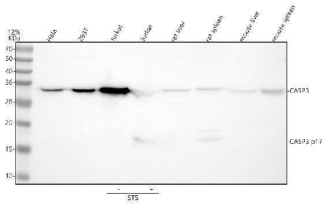
Overview

Product Name	Anti-active + pro Caspase 3 CASP3 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-active + pro Caspase 3 CASP3 Rabbit Monoclonal Antibody catalog # M00334-4. Tested in WB, IHC, IP applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, IHC, WB
Clonality	Monoclonal DGI-3
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *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. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P42574

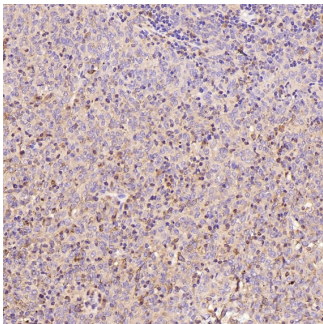
Technical Details

Immunogen	A synthesized peptide derived from human active + pro Caspase 3
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200 IP 1:20

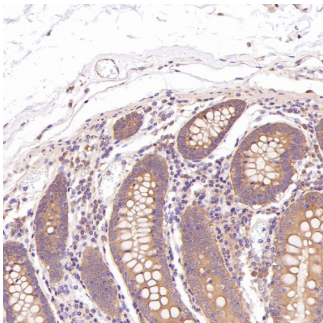
Anti-active + pro Caspase 3 CASP3 Rabbit Monoclonal Antibody (M00334-4) Images



Western blot analysis of CASP3 using anti-CASP3 antibody (M00334-4). 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 30 ug of sample under reducing conditions. Lane 1: human Hela whole cell lysates, Lane 2: human 293T whole cell lysates, Lane 3: human Jurkat whole cell lysates, Lane 4: human Jurkat whole cell lysates, Lane 5: rat liver tissue lysates, Lane 6: rat spleen tissue lysates, Lane 7: mouse liver tissue lysates, Lane 8: mouse spleen tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA 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-CASP3 antigen affinity purified monoclonal antibody (Catalog # M00334-4) at 1:500 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 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for CASP3 at approximately 17,35 kDa. The expected band size for CASP3 is at 17,35 kDa.

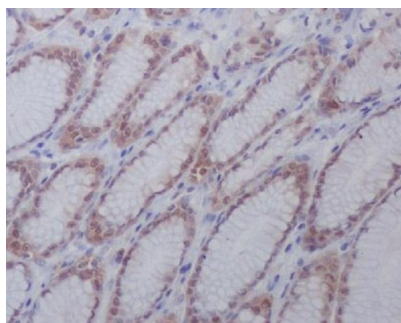
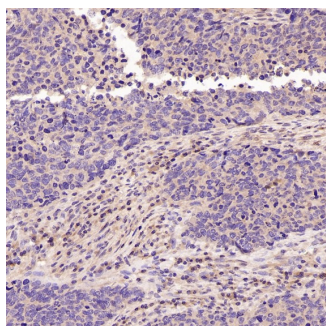


Immunohistochemical analysis of paraffin-embedded Human melanoma, using the Antibody at 1:100 dilution.



Immunohistochemical analysis of paraffin-embedded Human colon, using the Antibody at 1:100 dilution.

Immunohistochemical analysis of paraffin-embedded Human lung large cell cancer, using the Antibody at 1:100 dilution.



Immunohistochemical analysis of paraffin-embedded human stomach, using active + pro Caspase 3 Antibody .

58 Publications Citing This Product

1. PubMed ID: -, Ahmed S. Ahmed, JAK-1/STAT-3 pathway mediated role in aging cerebellar cortex degenerative changes of albino wistar rats, Translational Research in Anatomy, 2020, 100089, ISSN 2214-854X, <https://doi.org/10.1016/j.tria.2020.100089>.
2. PubMed ID: -, Gang Li, Jing Zhou, Mengyu Sun, Juren Cen, Jing Xu, Role of luteolin extracted from Clerodendrum cyrtophyllum Turcz leaves in protecting HepG2 cells from TBHP-induced oxidative stress and its cytotoxicity, genotoxicity, Journal of Functional Foods, Volume 74, 2
3. PubMed ID: ,

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