

Anti-Caspase-3 p12 CASP3 Rabbit Monoclonal Antibody

Catalog Number: M00334-2

About CASP3

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

Overview

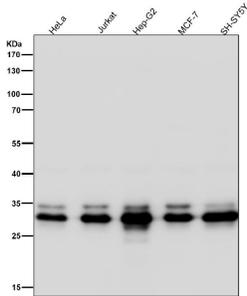
Product Name	Anti-Caspase-3 p12 CASP3 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Caspase-3 p12 CASP3 Rabbit Monoclonal Antibody catalog # M00334-2. Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, IF, IHC, ICC, WB
Clonality	Monoclonal GEA-3
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
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

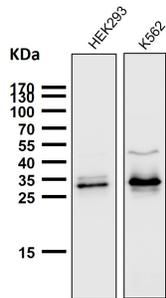
Immunogen	A synthesized peptide derived from human Caspase-3 p12
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

WB 1:500-1:1000
IHC 1:100-1:500
ICC/IF 1:50-1:200
IP 1:50

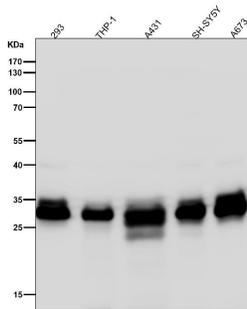
Anti-Caspase-3 p12 CASP3 Rabbit Monoclonal Antibody (M00334-2) Images



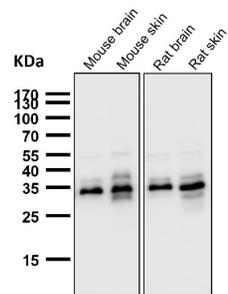
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

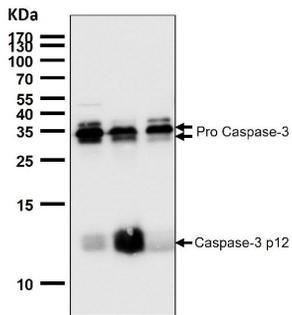
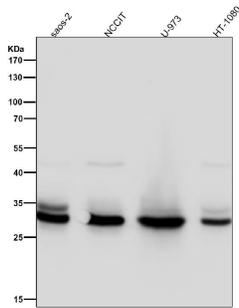


All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

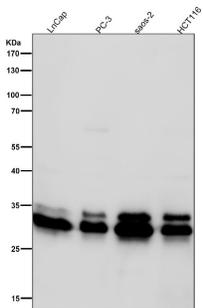


All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

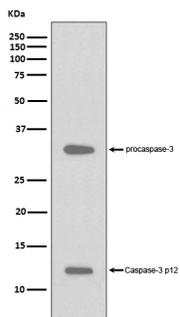
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



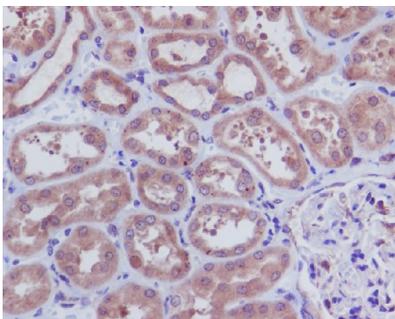
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



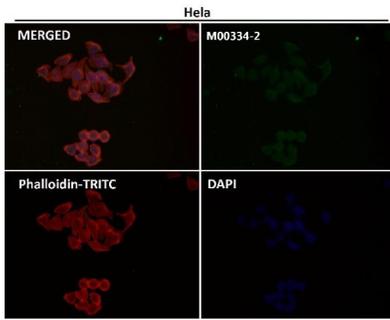
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



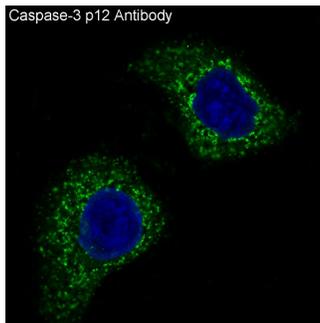
Western blot analysis of Caspase-3 p12 expression in HeLa cell treated with staurosporine lysate.



Immunohistochemical analysis of paraffin-embedded human kidney, using Caspase-3 p12 Antibody.



Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis of HeLa cells, using Caspase-3 p12 Antibody.

56 Publications Citing This Product

1. PubMed ID: 31702040, Zhang Z,Wang J,Zhu Y,Zhang H,Wang H.Astragaloside IV alleviates myocardial damage induced by type 2 diabetes via improving energy metabolism.Mol Med Rep.2019 Nov;20(5):4612-4622.doi:10.3892/mmr.2019.10716.Epub 2019 Oct 1.PMID:31702040; PMCID:PMC6797977.

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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