

Anti-Caspase-8 CASP8 Rabbit Monoclonal Antibody

Catalog Number: M00042-1

About CASP8

Phosphoinositide-3-kinase (PI3K) that phosphorylates PtdIns (Phosphatidylinositol), PtdIns4P (Phosphatidylinositol 4-phosphate) and PtdIns (4,5) P2 (Phosphatidylinositol 4,5-bisphosphate) to generate phosphatidylinositol 3,4,5-trisphosphate (PIP3) . PIP3 plays a key role by recruiting PH domain-containing proteins to the membrane, including AKT1 and PDK1, activating signaling cascades involved in cell growth, survival, proliferation, motility and morphology. Participates in cellular signaling in response to various growth factors.

Overview

Product Name	Anti-Caspase-8 CASP8 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Caspase-8 CASP8 Rabbit Monoclonal Antibody catalog # M00042-1. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal GAI-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	Q14790

Technical Details

Immunogen	A synthesized peptide derived from human Caspase-8
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:

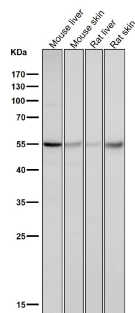
Boster Bio's internal QC testing used:

WB 1:1000-1:2000

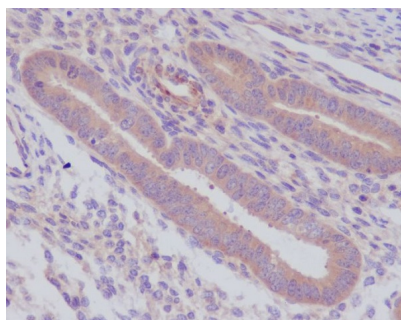
IHC 1:50-1:200

ICC/IF 1:50-1:200

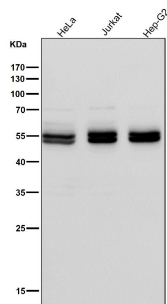
Anti-Caspase-8 CASP8 Rabbit Monoclonal Antibody (M00042-1) Images



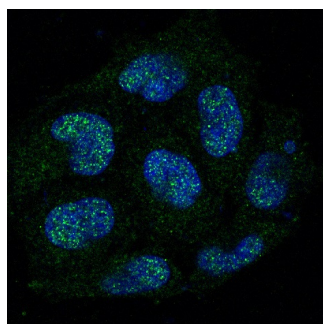
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Immunohistochemical analysis of paraffin-embedded human uterus, using Caspase-8 Antibody.

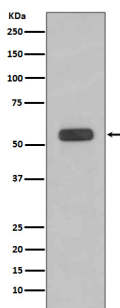


All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Immunofluorescent analysis of HeLa cells, using Caspase-8 Antibody.

Western blot analysis of Caspase-8 expression in HeLa cell lysate.



3 Publications Citing This Product

1. PubMed ID: 28032492, Croton Tiglium Extract Induces Apoptosis via Bax/Bcl-2 Pathways in Human Lung Cancer A549 Cells
2. PubMed ID: 26261530, Protective effect of RIP and c-FLIP in preventing liver cancer cell apoptosis induced by TRAIL
3. PubMed ID: 20081872, Inhibition of proliferation of prostate cancer cell line, PC-3, in vitro and in vivo using (%u2212)-gossypol

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