

Anti-Cleaved-Caspase-7 (S199) CASP7 Antibody

Catalog Number: A01044S199

About CASP7

Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S12E family of ribosomal proteins. It is located in the cytoplasm. Increased expression of this gene in colorectal cancers compared to matched normal colonic mucosa has been observed. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Herauld Y., Nucleic Acids Res. 19:4001-4001(1991).

Bienvénut W.V., Submitted (FEB-2008) to UniProtKB.

Vladimirov S.N., Eur. J. Biochem. 239:144-149(1996).

Overview

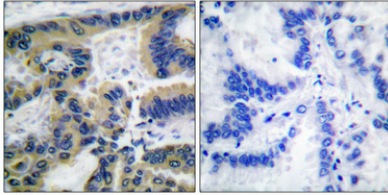
Product Name	Anti-Cleaved-Caspase-7 (S199) CASP7 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Cleaved-Caspase-7 (S199) CASP7 Antibody catalog # A01044S199. Tested in ELISA, IHC-P, WB applications. This antibody reacts with Human, Mouse.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
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	P55210

Technical Details

Immunogen	Synthesized peptide derived from human Caspase-7
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid

Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
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 1:500-1:2000 IHC 1:100-1:300 ELISA 1:40000

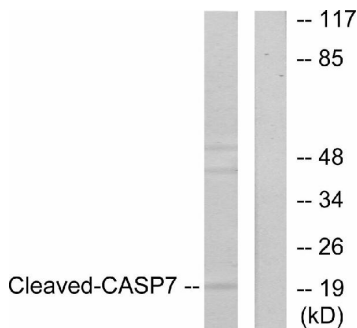
Anti-Cleaved-Caspase-7 (S199) CASP7 Antibody (A01044S199) Images



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Caspase 7 (Cleaved-Asp198) Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of various cells using Cleaved-Caspase-7 (S199) Polyclonal Antibody



Western blot analysis of lysates from 293 cells, treated with Etoposide 25uM 60', using Caspase 7 (Cleaved-Asp198) Antibody. The lane on the right is blocked with the synthesized peptide.

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