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Anti-Caspase 7 p11 CASP7 Antibody

Catalog Number: A01044-1

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.

Herault Y., Nucleic Acids Res. 19:4001-4001(1991).
Bienvenut W.V., Submitted (FEB-2008) to UniProtKB.
Vladimirov S.N., Eur. J. Biochem. 239:144-149(1996).

Overview

Product Name	Anti-Caspase 7 p11 CASP7 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Caspase 7 p11 CASP7 Antibody catalog # A01044-1. Tested in WB,ICC applications. This antibody reacts with Human,Mouse,Rat.
Application	ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
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 Ribosomal Protein S12
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid

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Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
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 ICC: 1:50-1:200

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Anti-Caspase 7 p11 CASP7 Antibody (A01044-1) Images

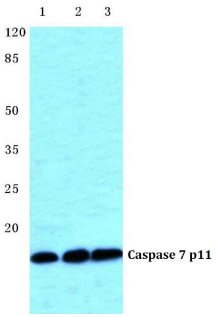

Figure 1. Western blotting validation for Anti-Caspase 7 p11 CASP7 Antibody A01044-1

Western blot (WB) analysis of Caspase-7 p11 polyclonal antibody at 1:500 dilution
Lane1:HEK293T cell lysate
Lane2:Mouse spleen tissue lysate
Lane3:Rat spleen tissue lysate
Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration