

Anti-Phospho-Caspase-3 (S150) CASP3 Antibody

Catalog Number: A00334S150

About CASP3

This is a copper-containing oxidase that functions in the formation of pigments such as melanins and other polyphenolic compounds. Catalyzes the rate-limiting conversions of tyrosine to DOPA, DOPA to DOPA-quinone and possibly 5,6-dihydroxyindole to indole-5,6 quinone.

Patricia Giraldo, Nucleic Acids Res., Nov 2003; 31: 6290 - 6305.

R Halaban, J. Cell Biol., Aug 1983; 97: 480.

Hee-Young Park, J. Biol. Chem., Jun 1999; 274: 16470.

BB Fuller, J. Biol. Chem., Mar 1987; 262: 4024 - 4033.

Overview

Product Name	Anti-Phospho-Caspase-3 (S150) CASP3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-Caspase-3 (S150) CASP3 Antibody catalog # A00334S150. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, 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	P42574

Technical Details

Immunogen	Synthesized peptide derived from human Caspase-3 around the phosphorylation site of S150.
Predicted Reactive Species	Canine, Monkey
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-Phospho-Caspase-3 (S150) CASP3 Antibody (A00334S150) Images

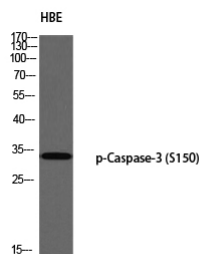


Figure 1. Western blotting validation for Anti-Phospho-Caspase-3 (S150) CASP3 Antibody A00334S150

Western Blot (WB) analysis of HBE using p-Caspase-3 (S150) antibody.

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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