

Phospho-20S Proteasome Alpha3 (S250) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-PHS00396
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Proteasome alpha3 around the phosphorylation site of Ser250. AA range:206-255
Mol wt	28433
Species reactivity	Human, mouse, rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Phospho-20S Proteasome alpha3 (S250) Antibody
Synonyms	PSMA3; HC8; PSC8; Proteasome subunit alpha type-3; Macropain subunit C8; Multicatalytic endopeptidase complex subunit C8; Proteasome component C8

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. PSMA3 (proteasome subunit alpha 3) encodes a member of the peptidase T1A family, that is a 20S core alpha subunit. Two alternative transcripts encoding different isoforms have been identified.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 10000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year