Datasheet for ABIN1386339

# anti-PSMB3 antibody

## Overview

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| Quantity: | 100 µL |
| Target: | PSMB3 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PSMB3 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human Proteasome 20S beta 3 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

## Target Details

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|---|---|
| Target: | PSMB3 |
| Abstract: | PSMB3 Products |
| Background: | Synonyms: 20S Proteasome _3, C10 II, HC10 II, proteasome prosome, macropain subunit, beta type 3, Proteasome beta 3 subunit, Proteasome chain 13, proteasome component C10 II, Proteasome theta chain, PSMB3. |

## Target Details

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| | 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. |
| Gene ID: | 5684 |
| Pathways: | Mitotic G1-G1/S Phases, DNA Replication, Synthesis of DNA, Cell RedoxHomeostasis, Lipid Metabolism |

## Application Details

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| Application Notes: | WB 1:300-5000 <br> IHC-P 1:200-400 <br> IF(IHC-P) 1:50-200 |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |