

PSMA5 Antibody (N-term)

| | |
|----------------|--|
| Catalog_no : | AB1359 |
| Applications : | WB |
| Reactivity : | H |
| Category : | 抗原抗体 |
| Size : | 100 μ L/50 μ L |
| Immunogen : | HUMAN:1-30 |
| Specificity : | This PSMA5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human PSMA5. |
| Dilution : | WB,1:1000;IHC-P,1:50; |
| Purification : | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS. |
| Other_name : | Proteasome subunit alpha type-5, Macropain zeta chain, Multicatalytic endopeptidase complex zeta chain, Proteasome zeta chain, PSMA5 |
| Isotype : | Rabbit Ig |
| 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. PMA5 is a member of the peptidase T1A family, that is a 20S core alpha subunit. |
| reference : | Beausoleil,S.A., Nat. Biotechnol. 24 (10), 1285-1292 (2006) Gregory,S.G., Nature 441 (7091), 315-321 (2006) Beausoleil,S.A., Proc. Natl. Acad. Sci. U.S.A. 101 (33), 12130-12135 (2004) Conticello,S.G., Curr. Biol. 13 (22), 2009-2013 (2003) Yu,X., Scie |