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# BAGE4 Rabbit pAb

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Catalog # AP59149

## Product Information

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| **Application** | IHC-P, IHC-F, IF, E |
| **Primary Accession** | Q86Y28 |
| **Predicted** | Human |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 4230 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human BAGE4 |
| **Epitope Specificity** | 18-39/39 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SUBCELLULAR LOCATION** | Secreted |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | Members of the BAGE gene family encode antigens that are recognized by cytotoxic T lymphocytes and are also known as CT (cancer/testis) antigens. Generated by juxtacentromeric shuffling of the MLL3 gene, the ancestral BAGE gene was expanded by acrocentric exchanges and/or juxtacentromeric movements. BAGE, also known as B melanoma antigen 1 or cancer/testis antigen 2.1, is a 43 amino acid member of the BAGE family. Generally, BAGE proteins are not expressed in normal tissues, except in testis, but are expressed highly in melanomas, bladder carcinomas, head and neck squamous cell carcinomas, and lung and breast cancer carcinomas. BAGE proteins are not expressed in renal, colorectal and prostatic carcinomas, leukemias and lymphomas. |

## Additional Information

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| **Gene ID** | 85317 |
| **Other Names** | B melanoma antigen 4, Cancer/testis antigen 2.4, CT2.4, BAGE4, MLL3P |
| **Dilution** | IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| **Name** | BAGE4 |
| **Synonyms** | MLL3P |
| **Function** | Unknown. Candidate gene encoding tumor antigens. |
| **Cellular Location** | Secreted. |
| **Tissue Location** | Not expressed in normal tissues except in testis. Expressed in melanoma, bladder and lung carcinomas |

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.