

BAGE4 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59149**Specification**

BAGE4 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q86Y28
Host	Rabbit
Clonality	Polyclonal
Calculated MW	2.5 KDa
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
SIMILARITY	Belongs to the BAGE family.
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.

BAGE4 Polyclonal Antibody - Additional Information**Gene ID** 85317**Other Names**

B melanoma antigen 4, Cancer/testis antigen 2.4, CT2.4, BAGE4, MLL3P

Target/Specificity

Not expressed in normal tissues except in testis. Expressed in melanoma, bladder and lung carcinomas.

Dilution

IHC-P~~N/A<br \><span class
="dilution_IHC-F">IHC-F~~N/A<br \><span class
="dilution_IF">IF~~1:50~200<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

BAGE4 Polyclonal Antibody - Protein Information

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

BAGE4 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BAGE4 Polyclonal Antibody - Images