

**PAGE1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58469****Specification****PAGE1 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	<a href="#">O75459</a>
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PAGE1
Epitope Specificity	51-146/146
Isotype	IgG
<b>Purity</b>	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the GAGE family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

This gene belongs to a family of genes that are expressed in a variety of tumors but not in normal tissues, except for the testis. The sequences of the family members are highly related but differ by scattered nucleotide substitutions. The antigenic peptide YRPRRRY, which is also encoded by several other family members, is recognized by autologous cytolytic T lymphocytes. Nothing is presently known about the function of this protein. Alternative splicing results in multiple transcript variants.

**PAGE1 Polyclonal Antibody - Additional Information****Gene ID** 8712**Other Names**

P antigen family member 1, PAGE-1, AL5, G antigen 9, GAGE-9, G antigen family B member 1, Prostate-associated gene 1 protein, PAGE1, GAGE9, GAGEB1

**Target/Specificity**

Isolated from prostate cancer cell lines; expression associated with progression to androgen insensitive phenotype. Expressed in normal testis and at lower level in normal placenta.

**Dilution**

<span class = "dilution\_WB">WB~~1:1000</span><br \><span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class = "dilution\_IHC-F">IHC-F~~N/A</span><br \><span class

="dilution\_IF">IF~1:50~200</span><br \><span class ="dilution\_E">E~N/A</span>

**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.

**PAGE1 Polyclonal Antibody - Protein Information**

**Name** PAGE1

**Synonyms** GAGE9, GAGEB1

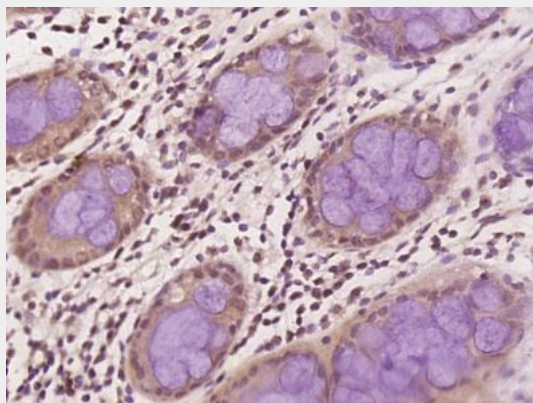
**Tissue Location**

Isolated from prostate cancer cell lines; expression associated with progression to androgen insensitive phenotype. Expressed in normal testis and at lower level in normal placenta

**PAGE1 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](#)

**PAGE1 Polyclonal Antibody - Images**

Paraformaldehyde-fixed, paraffin embedded (human cervical carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PAGE1) Polyclonal Antibody, Unconjugated (bs-6561R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

