

Rabbit anti-Human GAGE7 Polyclonal Antibody | anti-GAGE7 antibody

GAGE7 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289047	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

GAGE7; Polyclonal Antibody; GAGE7 Antibody (C-term); G antigen 7; GAGE-7; AL4; Cancer/testis antigen 47; CT47; GAGE-12I; GAGE-7B; GAGE-8; GAGE12I; GAGE7B; anti-GAGE7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	This GAGE7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 87-116 amino acids from the C-terminal region of human GAGE7.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	87-116
Sequence Length	117
Applicable Applications for anti-GAGE7 antibody	ELISA, FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Tissue Location	Expressed in some prostate cancer tissues but not in normal prostate tissue
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

GAGE7 Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

GAGE7 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GAGE7 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of GAGE7 Antibody (C-term) in K562 cell line lysates (35ug/lane).
GAGE7 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Product Categories/Family for anti-GAGE7 antibody	Cancer
References	Gjerstorff, M.F., et al. Tissue Antigens 71(3):187-192(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	148491078
NCBI GeneID	100008586
NCBI Accession #	NP_001091875.1; NP_001091879.1; NP_001468.1; NP_066946.1
NCBI GenBank Nucleotide #	NM_001098405.2
UniProt Accession #	O76087; Q4V324; B7ZM13; P0CL80
Molecular Weight	Calculated MW: 12978
NCBI Official Full Name	G antigen 12F
NCBI Official Synonym Full Names	G antigen 12F
NCBI Official Symbol	GAGE12F
NCBI Protein Information	G antigen 12F
UniProt Protein Name	G antigen 7
UniProt Gene Name	GAGE7
UniProt Synonym Gene Names	GAGE12I; GAGE7B; GAGE-7; CT4.7
UniProt Entry Name	GAGE7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gage7-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289047>