

Rabbit BAGE2/3 Polyclonal Antibody | anti-BAGE2 antibody

BAGE2/3 Antibody

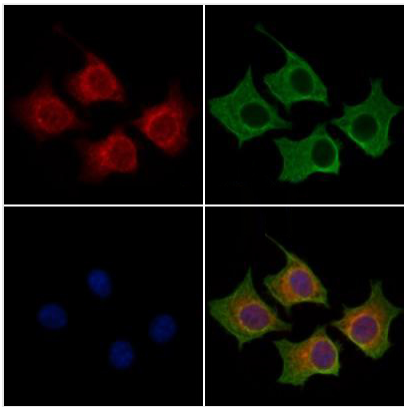
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329190	Rabbit	Human, Mouse, Rat	ELISA

PRODUCT SYNONYMS

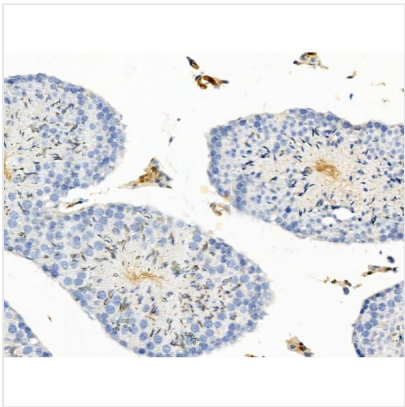
BAGE2/3; Polyclonal Antibody; BAGE2/3 Antibody; B melanoma antigen 2; B melanoma antigen family; member 2; Cancer/testis antigen 2.2; CT2.2; anti-BAGE2 antibody

PRODUCT SPECIFICATIONS

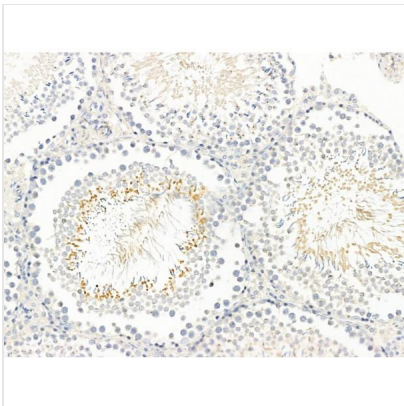
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	BAGE2/3 Antibody detects endogenous levels of total BAGE2/3.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	109
Applicable Applications for anti-BAGE2 antibody	ELISA
Immunogen	A synthesized peptide derived from human BAGE2/3, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



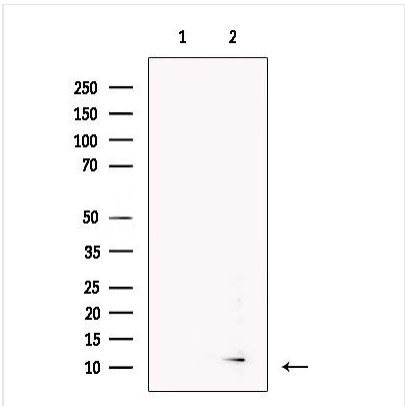
IF (Immunofluorescence)
AAA329190 staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329190) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Green) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Red) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry)
AAA329190 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
AAA329190 at 1/100 staining Rat testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Human testis, using BAGE2/3 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-BAGE2 antibody	Function: Unknown. Candidate gene encoding tumor antigens.
	Subcellular Location: Secreted.
	Tissue Specificity: Not expressed in normal tissues except in testis. Expressed in 22% of melanomas, in bladder and lung carcinomas.
	Similarity: Belongs to the BAGE family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	37537781
UniProt Accession #	Q86Y30
Molecular Weight	Observed Molecular Weight: (Observed)12kD. Predicted Molecular Weight: (Calculated)12kDa.
NCBI Official Full Name	B melanoma antigen 2

UniProt Protein Name	B melanoma antigen 2
UniProt Gene Name	BAGE2
UniProt Synonym Gene Names	CT2.2
UniProt Entry Name	BAGE2_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/bage2-3-antibody-elisa/329190>