

Anti-BAGE2 Antibody

Catalog # AP54037

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q86Y30
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	12114

Additional Information

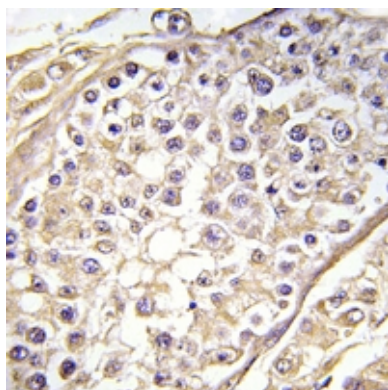
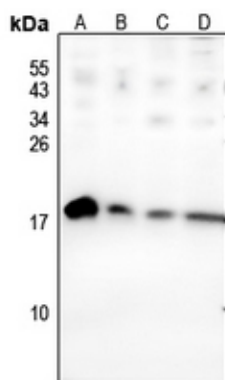
Other Names	B melanoma antigen 2; Cancer/testis antigen 2.2; CT2.2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human BAGE2. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1/50 - 1/200 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

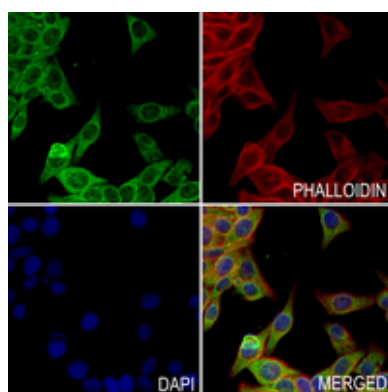
Name	BAGE2
Function	Unknown. Candidate gene encoding tumor antigens.
Cellular Location	Secreted.
Tissue Location	Not expressed in normal tissues except in testis. Expressed in 22% of melanomas, in bladder and lung carcinomas

Images

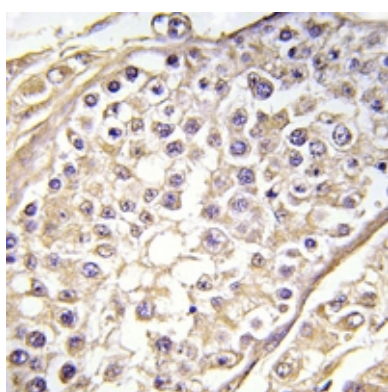
Western blot analysis of BAGE2 expression in mouse lung (A), rat brain (B), rat testis (C), mouse testis (D) whole cell lysates. (Predicted band size: 12 kD; Observed band size: 17 kD)



Immunohistochemical analysis of BAGE2 staining in human testis formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of BAGE2 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



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