

Rabbit anti-Human MAPE Polyclonal Antibody | anti-PRAME antibody

MAPE Antibody (C-term)

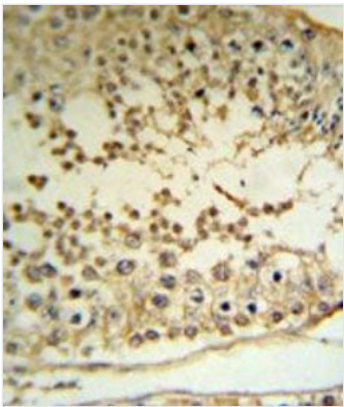
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288836	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

MAPE; Polyclonal Antibody; MAPE Antibody (C-term); Melanoma antigen preferentially expressed in tumors; Opa-interacting protein 4; OIP-4; Preferentially expressed antigen of melanoma; PRAME; OIP4; anti-PRAME antibody

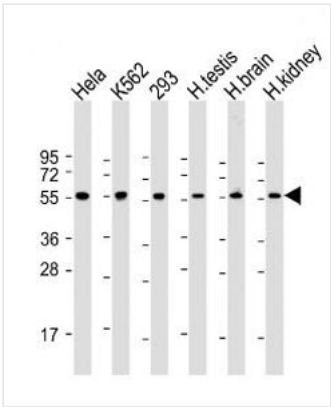
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MAPE antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 476-502 amino acids from the C-terminal region of human MAPE.
Purity/Purification	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	476-502
Sequence Length	509
Applicable Applications for anti-PRAME antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot), FCM/FACS (Flow Cytometry)
Function	Functions as a transcriptional repressor, inhibiting the signaling of retinoic acid through the retinoic acid receptors RARA, RARB and RARG. Prevents retinoic acid-induced cell proliferation arrest, differentiation and apoptosis.
Cellular Location	Nucleus. Cell membrane
Tissue Location	Expressed in testis. Detected in samples of kidney, brain and skin
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.



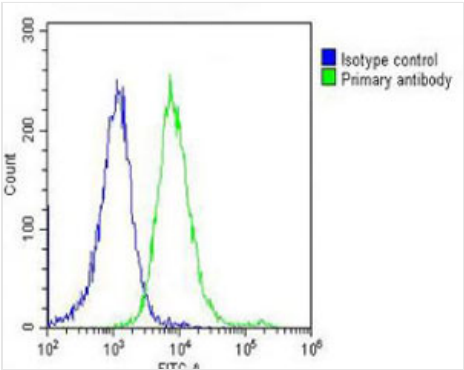
Application Data

MAPE Antibody (C-term) (RB18763) IHC analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the MAPE Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated



Application Data

All lanes : Anti-MAPE Antibody (C-term) at 1:2000 dilution
Lane 1: HeLa whole cell lysate
Lane 2: K562 whole cell lysate
Lane 3: 293 whole cell lysate
Lane 4: human testis lysate
Lane 5: human brain lysate
Lane 6: human kidney lysate
Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 58 kDa
Blocking/Dilution buffer: 5% NFD/MTBST.



Application Data

Overlay histogram showing HeLa cells stained with AP6720b (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody AAA288836, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG (1?g/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.

ADDITIONAL INFORMATION

Related Product Information for anti-PRAME antibody	MAPE is an antigen that is predominantly expressed in human melanomas and that is recognized by cytolytic T lymphocytes. It is not expressed in normal tissues, except testis. This expression pattern is similar to that of other CT antigens, such as MAGE, BAGE and GAGE. However, unlike these other CT antigens, its gene is also expressed in acute leukemias.
Product Categories/Family for anti-PRAME antibody	Cancer
References	Rezvani,K., Blood 113 (10), 2245-2255 (2009) Qin,Y., Leuk. Res. 33 (3), 384-390 (2009) Neumann,E., Cancer Res. 58 (18), 4090-4095 (1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174641
NCBI GeneID	23532

NCBI Accession #	NP_006106.1 ; NP_996836.1 ; NP_996837.1 ; NP_996838.1 ; NP_996839.1
NCBI GenBank Nucleotide #	NM_006115.4
UniProt Accession #	P78395 ; O43481 ; Q8IXN8 ; B2R6Y7
NCBI Official Full Name	melanoma antigen preferentially expressed in tumors isoform a
NCBI Official Synonym Full Names	preferentially expressed antigen in melanoma
NCBI Official Symbol	PRAME
NCBI Official Synonym Symbols	MAPE; OIP4; CT130; OIP-4
NCBI Protein Information	melanoma antigen preferentially expressed in tumors
UniProt Protein Name	Melanoma antigen preferentially expressed in tumors
UniProt Gene Name	PRAME
UniProt Synonym Gene Names	MAPE; OIP4; OIP-4
UniProt Entry Name	PRAME_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/mape-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/288836>