

Rabbit KEPI Polyclonal Antibody | anti-KEPI antibody

Rabbit anti-KEPI Antibody

CATALOG # AAA222724	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Bovine	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

KEPI; Polyclonal Antibody; Rabbit anti-KEPI Antibody; Protein phosphatase 1 regulatory subunit 14C; Kinase-enhanced PP1 inhibitor; PKC-potentiated PP1 inhibitory protein; Serologically defined breast cancer antigen NY-BR-81; anti-KEPI antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-KEPI antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human KEPI. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



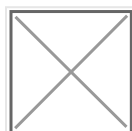
IF (Immunofluorescence)

Immunofluorescent analysis of KEPI staining in K562 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 DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of KEPI staining in human breast cancer 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.



WB (Western Blot)

Western blot analysis of KEPI expression in K562 (A), HEK293T (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-KEPI antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19311006
NCBI GeneID	81706
NCBI Accession #	NP_112211.1
NCBI GenBank Nucleotide #	NM_030949.2
UniProt Accession #	Q8TAE6; Q8R4S0; Q8R4R9
Molecular Weight	17,843 Da
NCBI Official Full Name	protein phosphatase 1 regulatory subunit 14C
NCBI Official Synonym Full Names	protein phosphatase 1, regulatory (inhibitor) subunit 14C
NCBI Official Symbol	PPP1R14C
NCBI Official Synonym Symbols	KEPI; NY-BR-81; CPI17-like
NCBI Protein Information	protein phosphatase 1 regulatory subunit 14C; kinase-enhanced PP1 inhibitor; kinase C-enhanced PP1 inhibitor; PKC-potentiated PP1 inhibitory protein; serologically defined breast cancer antigen NY-BR-81
UniProt Protein Name	Protein phosphatase 1 regulatory subunit 14C
UniProt Gene Name	PPP1R14C
UniProt Synonym Gene Names	KEPI
UniProt Entry Name	PP14C_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/kepi-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/222724>