




Product datasheet

Anti-PFKP antibody ab233109

8 Images

Overview

Product name	Anti-PFKP antibody
Description	Rabbit polyclonal to PFKP
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Orangutan 
Immunogen	Recombinant fragment (His-tag) corresponding to Human PFKP aa 550-800. Expressed in E.coli. Database link: Q01813  Run BLAST with  Run BLAST with
Positive control	WB: Recombinant human PFKP protein; A549 and Jurkat whole cell lysate (ab7899); Pig heart and skeletal muscle lysates. IHC-P: Human lung cancer, liver, brain, breast cancer, prostate cancer and stomach tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
Purity	Immunogen affinity purified
Purification notes	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.

Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab233109 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

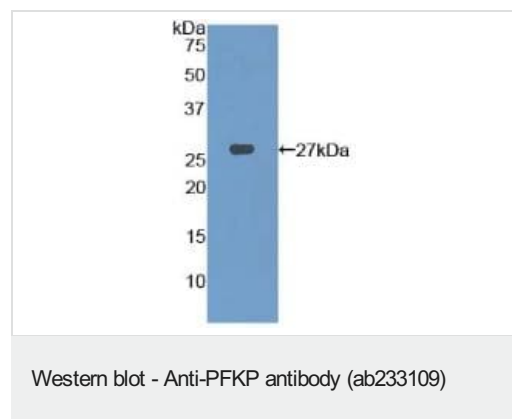
Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 5 µg/ml. Predicted molecular weight: 86 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

Target

Pathway Carbohydrate degradation; glycolysis; D-glyceraldehyde 3-phosphate and glycerone phosphate from D-glucose: step 3/4.

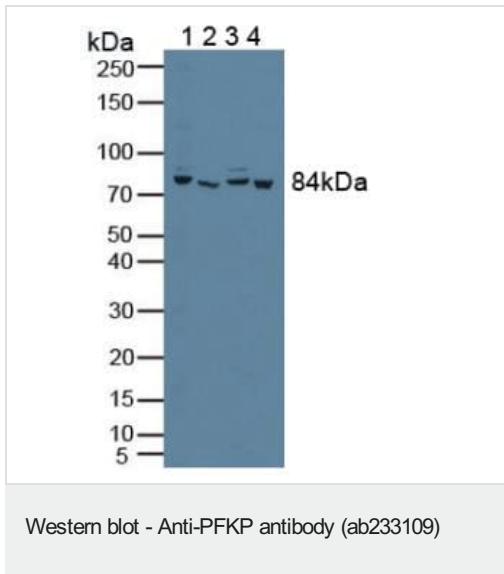
Sequence similarities Belongs to the phosphofructokinase family. Two domains subfamily.

Images



Anti-PFKP antibody (ab233109) at 5 µg/ml + Recombinant human PFKP protein

Predicted band size: 86 kDa



All lanes : Anti-PFKP antibody (ab233109) at 3 µg/ml

Lane 1 : A549 (human lung carcinoma cell line) cell lysate

Lane 2 : Pig heart lysate

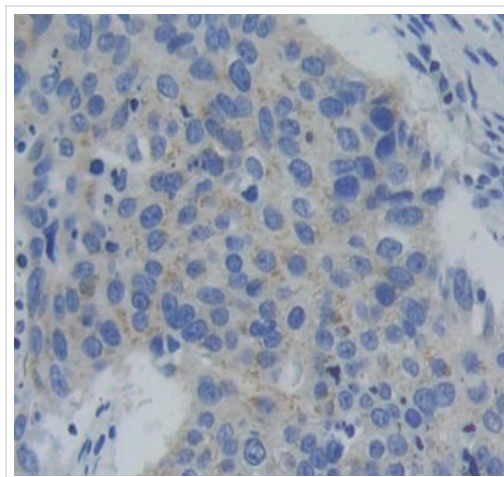
Lane 3 : Jurkat (human T cell leukemia cell line from peripheral blood) cell lysate

Lane 4 : Pig skeletal muscle lysate

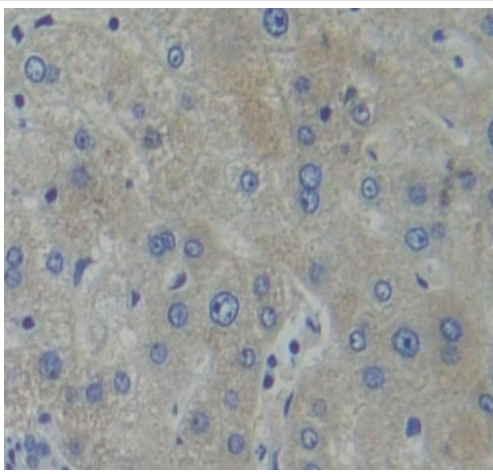
Secondary

All lanes : HRP-Linked Guinea pig anti-Rabbit at 1/2000 dilution

Predicted band size: 86 kDa

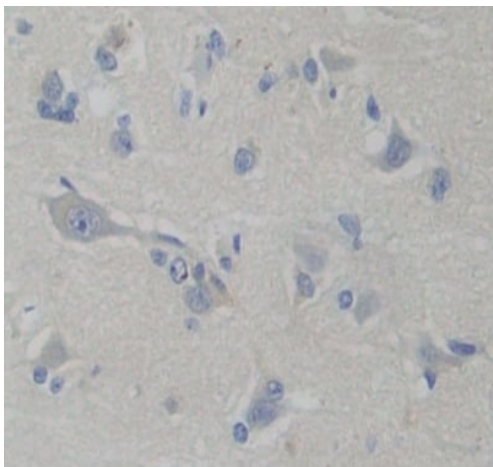


Formalin-fixed, paraffin-embedded human lung cancer tissue stained for PFKP using ab233109 at 10 µg/ml in immunohistochemical analysis. DAB staining.



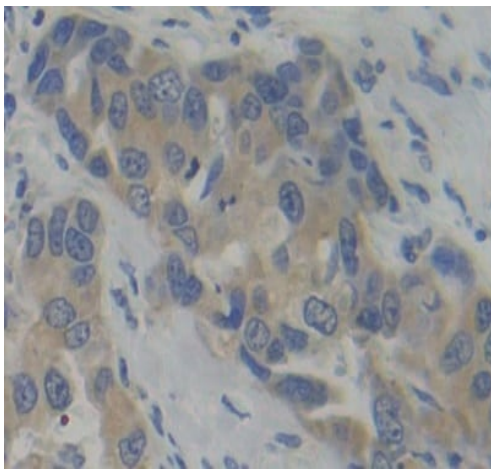
Formalin-fixed, paraffin-embedded human liver tissue stained for PFKP using ab233109 at 10 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PFKP antibody (ab233109)



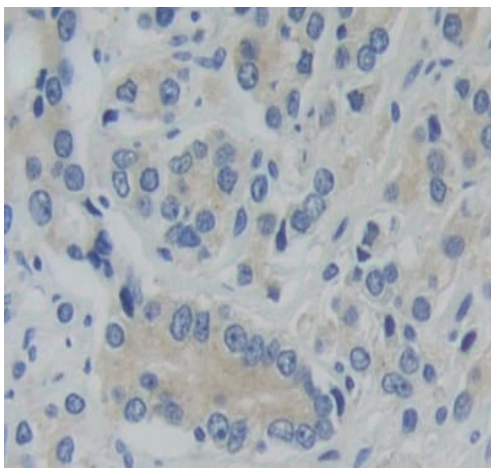
Formalin-fixed, paraffin-embedded human brain tissue stained for PFKP using ab233109 at 10 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PFKP antibody (ab233109)



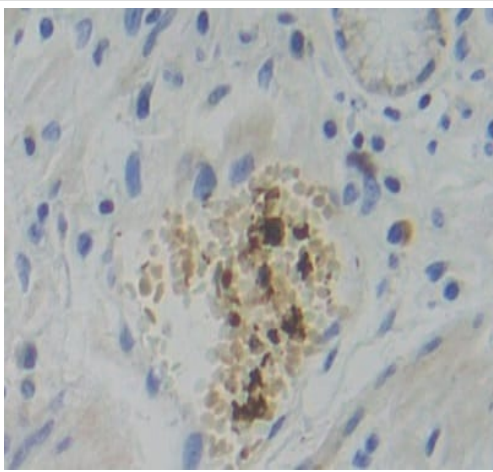
Formalin-fixed, paraffin-embedded human breast cancer tissue stained for PFKP using ab233109 at 10 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PFKP antibody (ab233109)



Formalin-fixed, paraffin-embedded human prostate cancer tissue stained for PFKP using ab233109 at 10 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PFKP antibody (ab233109)



Formalin-fixed, paraffin-embedded human stomach tissue stained for PFKP using ab233109 at 10 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PFKP antibody (ab233109)

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