

Rabbit anti-Human, Pig Phosphofructokinase Polyclonal Antibody | anti-PFKP antibody

Polyclonal Antibody to Phosphofructokinase, Platelet (PFKP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20920	Rabbit	Human, Pig	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

PRODUCT SYNONYMS

Phosphofructokinase; Polyclonal Antibody; Polyclonal Antibody to Phosphofructokinase; Platelet (PFKP); anti-PFKP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	0.29mg/ml (varies by lot)
Applicable Applications for anti-PFKP antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	Western blotting: 0.5-2ug/mL Immunohistochemistry: 5-20ug/mL Immunocytochemistry: 5-20ug/mL Optimal working dilutions must be determined by end user.
Source	Polyclonal antibody preparation
Traits	Liquid
Cross Reactivity	Pig
Immunogen	Recombinant PFKP (Asp553~Lys753) expressed in E.coli
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 24 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



KO (Knockout Validation)

Knockout Validation: Lane 1: Wild-type A549 cell lysate; Lane 2: PFKP knockout A549 cell lysate; Predicted MW: 85kd Observed MW: 85kd Primary Ab: 3ug/ml Rabbit Anti-Human PFKP Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)

Western Blot: Sample: Lane 1: Human A549 Cells; Lane 2: Porcine Heart Tissue; Lane 3: Human Jurkat Cells; Lane 4: Porcine Skeletal Muscle Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PFKP antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	334191701
NCBI GeneID	5214
NCBI Accession #	NP_001229268.1
NCBI GenBank Nucleotide #	NM_001242339.1
UniProt Accession #	Q01813; Q5VSR7; Q5VSR8; B3KS15
NCBI Official Full Name	ATP-dependent 6-phosphofructokinase, platelet type isoform 2
NCBI Official Synonym Full Names	phosphofructokinase, platelet
NCBI Official Symbol	PFKP
NCBI Official Synonym Symbols	PFKF; PFK-C; PFK-P; ATP-PFK
NCBI Protein Information	ATP-dependent 6-phosphofructokinase, platelet type
UniProt Protein Name	ATP-dependent 6-phosphofructokinase, platelet type
UniProt Gene Name	PFKP
UniProt Synonym Gene Names	PFKF; ATP-PFK; PFK-P

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/phosphofructokinase-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/20920>