

Product datasheet for TA379834S

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OriGene Technologies, Inc.

PFKP Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ELISA, ICC/IF, IHC, WB

Recommended Dilution: WB,1:500 - 1:1000

IHC-P,1:100 - 1:200 IF/ICC,1:50 - 1:200

ELISA,Recommended starting concentration is 1 μg/mL. Please optimize the concentration

based on your specific assay requirements.

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 86kDa

Gene Name: phosphofructokinase, platelet

Database Link: Entrez Gene 5214 Human

Q01813

Background: This gene encodes a member of the phosphofructokinase A protein family. The encoded

enzyme is the platelet-specific isoform of phosphofructokinase and plays a key role in

glycolysis regulation. This gene may play a role in metabolic reprogramming in some cancers,

including clear cell renal cell carcinomas, and cancer of the bladder, breast, and lung.

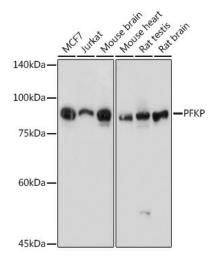
Alternative splicing results in multiple transcript variants.

Synonyms: FLJ40226; PFK-C; PFKF; Phosphohexokinase

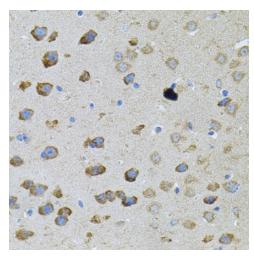




Product images:

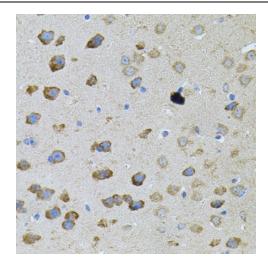


Western blot analysis of various lysates using PFKP Rabbit pAb ([TA379834]) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

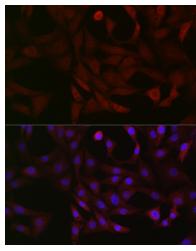


Immunohistochemistry analysis of paraffinembedded Rat brain using PFKP Rabbit pAb ([TA379834]) (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

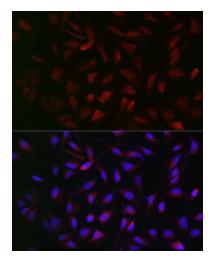




Immunohistochemistry analysis of paraffinembedded Mouse brain using PFKP Rabbit pAb ([TA379834]) (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

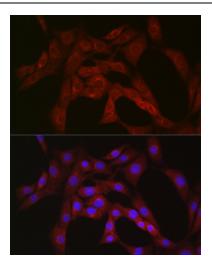


Immunofluorescence analysis of NIH/3T3 cells using PFKP Rabbit pAb ([TA379834]) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using PFKP Rabbit pAb ([TA379834]) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.





Immunofluorescence analysis of NIH/3T3 cells using PFKP Rabbit pAb ([TA379834]) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.