

PFKM / PFK-1 Antibody (aa350-400)
Rabbit Polyclonal Antibody
Catalog # ALS16921**Specification**

PFKM / PFK-1 Antibody (aa350-400) - Product Information

Application	IHC, WB
Primary Accession	P08237
Other Accession	5213
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	85183

PFKM / PFK-1 Antibody (aa350-400) - Additional Information**Gene ID** 5213**Other Names**

PFKM, 6-phosphofructo-1-kinase, GSD7, PFK1, PFKA, PFKX, Phosphofructokinase-M, Phosphofructokinase 1, PFK-1, PFK-A, Phosphofructokinase, muscle, Phosphohexokinase

Target/Specificity

Human PFKM

Reconstitution & Storage

PBS, pH 7.2, 0.05% sodium azide. Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

Precautions

PFKM / PFK-1 Antibody (aa350-400) is for research use only and not for use in diagnostic or therapeutic procedures.

PFKM / PFK-1 Antibody (aa350-400) - Protein Information**Name** PFKM**Synonyms** PFKX**Function**

Catalyzes the phosphorylation of D-fructose 6-phosphate to fructose 1,6-bisphosphate by ATP, the first committing step of glycolysis.

Cellular Location

Cytoplasm {ECO:0000255|HAMAP-Rule:MF_03184}.

Volume

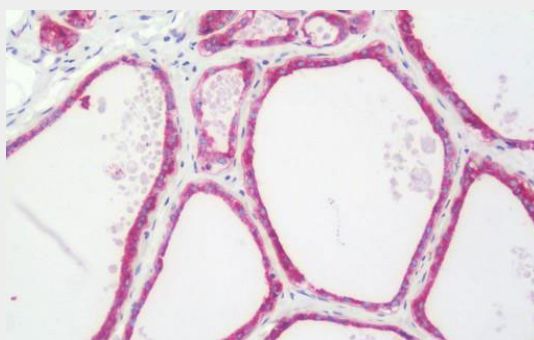
50 µl

PFKM / PFK-1 Antibody (aa350-400) - Protocols

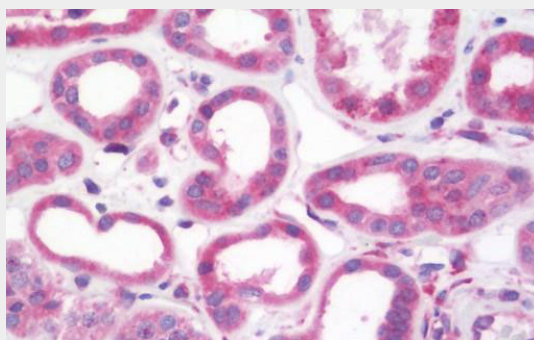
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PFKM / PFK-1 Antibody (aa350-400) - Images



Anti-PFKM / PFK-1 antibody IHC staining of human thyroid.



Anti-PFKM / PFK-1 antibody IHC staining of human kidney.



Western blot of PFK-1 (E369) pAb in extracts from HeLa cells.

PFKM / PFK-1 Antibody (aa350-400) - Background

Catalyzes the phosphorylation of D-fructose 6-phosphate to fructose 1,6-bisphosphate by ATP, the first committing step of glycolysis.

PFKM / PFK-1 Antibody (aa350-400) - References

- Yamasaki T.,et al.Gene 104:277-282(1991).
- Sharma P.M.,et al.Gene 77:177-183(1989).
- Nakajima H.,et al.FEBS Lett. 223:113-116(1987).
- Ota T.,et al.Nat. Genet. 36:40-45(2004).
- Scherer S.E.,et al.Nature 440:346-351(2006).