

PFKM / PFK-1 Antibody (aa1-253)
Rabbit Polyclonal Antibody
Catalog # ALS16895**Specification**

PFKM / PFK-1 Antibody (aa1-253) - Product Information

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

PFKM / PFK-1 Antibody (aa1-253) - 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

0.1 M Tris-glycine, pH 7.0, 10% glycerol, 0.01% Thimerosal. Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Precautions

PFKM / PFK-1 Antibody (aa1-253) is for research use only and not for use in diagnostic or therapeutic procedures.

PFKM / PFK-1 Antibody (aa1-253) - 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

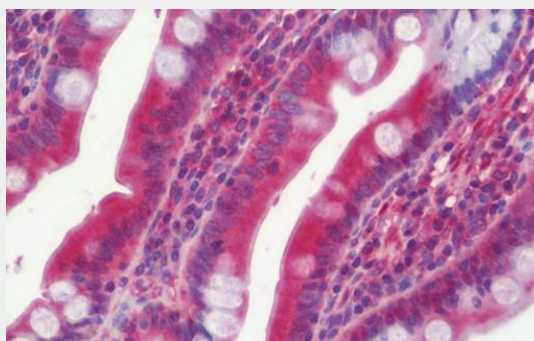
50 µl

PFKM / PFK-1 Antibody (aa1-253) - Protocols

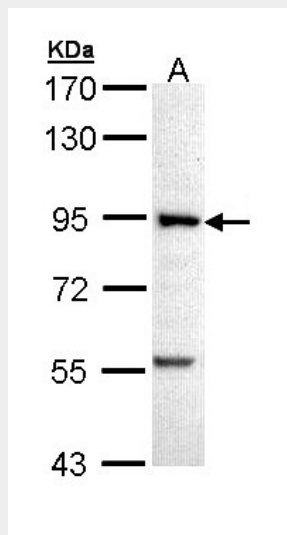
Provided below are standard protocols that you may find useful for product applications.

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

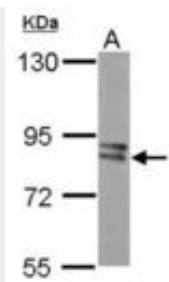
PFKM / PFK-1 Antibody (aa1-253) - Images



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



Sample (30 ug of whole cell lysate). A: A431 . 7.5% SDS PAGE. PFKM antibody diluted at 1:5000.



Sample (50 ug of whole cell lysate). A: Mouse brain. 7.5% SDS PAGE. PFKM antibody diluted at 1:2000.

PFKM / PFK-1 Antibody (aa1-253) - 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 (aa1-253) - 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).