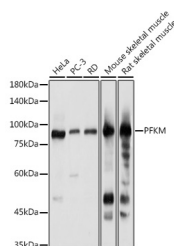


PFKM Polyclonal Antibody

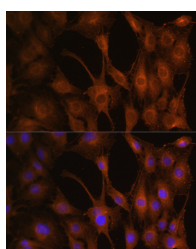
| | | | |
|---------------------|---|-------------------|--------|
| Catalog No. | E-AB-60983 | Reactivity | H,M,R |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. | Host | Rabbit |
| Applications | WB,IF | Isotype | IgG |

Note: Centrifuge before opening to ensure complete recovery of vial contents.

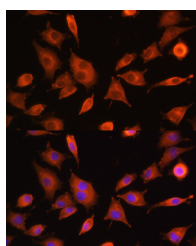
Images



Western blot analysis of extracts of various cell lines using PFKM Polyclonal Antibody at 1:1000 dilution.



Immunofluorescence analysis of C6 cells using PFKM Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using PFKM Polyclonal antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Immunogen Information

| | |
|------------------|---|
| Immunogen | Recombinant fusion protein of human PFKM |
| GeneID | 5213 |
| Swissprot | P08237 |
| Synonyms | PFKM,ATP-PFK,GSD7,PFK-1,PFK1,PFKA,PFKX,PPP1R122 |

Product Information

| | |
|----------------------|---|
| Calculated MW | 81kDa/85kDa/93kDa |
| Observed MW | 85kDa |
| Buffer | PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Purify | Affinity purification |
| Dilution | WB 1:500-1:2000,IF 1:50-1:200 |

Background

Three phosphofructokinase isozymes exist in humans: muscle, liver and platelet. These isozymes function as subunits of the mammalian tetramer phosphofructokinase, which catalyzes the phosphorylation of fructose-6-phosphate to fructose-1,6-bisphosphate. Tetramer composition varies depending on tissue type. This gene encodes the muscle-type isozyme. Mutations in this gene have been associated with glycogen storage disease type VII, also known as Tarui disease. Alternatively spliced transcript variants have been described.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.