

bs-16457R**[Primary Antibody]****phospho-PFKM/PFK1 (Ser775) Rabbit pAb****Bioss**
ANTIBODIES

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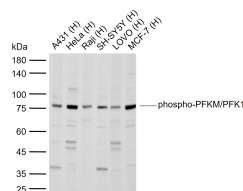
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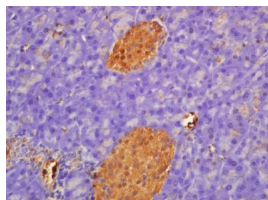
400-901-9800

DATASHEET

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|--|----------------------|---|
| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) |
| Clonality: Polyclonal | | IHC-P (1:100-500) |
| GeneID: 5213 | SWISS: P08237 | IHC-F (1:100-500) |
| Target: phospho-PFKM/PFK1 (Ser775) | | IF (1:100-500) |
| Immunogen: KLH conjugated Synthesised phosphopeptide derived from human PFKM around the phosphorylation site of Ser775: KR(p-S)GE. | | Reactivity: Human, Rat (predicted: Mouse, Pig, Sheep, Cow, Horse) |
| Purification: affinity purified by Protein A | | |
| Concentration: 1mg/ml | | Predicted MW.: 86 kDa |
| Storage: Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. | | Subcellular Location: Cytoplasm |
| 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.[provided by RefSeq, Nov 2009] | | |

VALIDATION IMAGES

Sample: Lane 1: Human A431 cell lysates Lane 2: Human HeLa cell lysates Lane 3: Human Raji cell lysates Lane 4: Human SH-SY5Y cell lysates Lane 5: Human LOVO cell lysates Lane 6: Human MCF-7 cell lysates Primary: Anti-phospho-PFKM/PFK1 (Ser775) (bs-16457R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 86 kDa Observed band size: 77 kDa



Tissue/cell: Rat pancreas tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-phospho-PFKL (Ser775) Polyclonal Antibody, Unconjugated(bs-16457) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining