

Product datasheet for **TA388145**

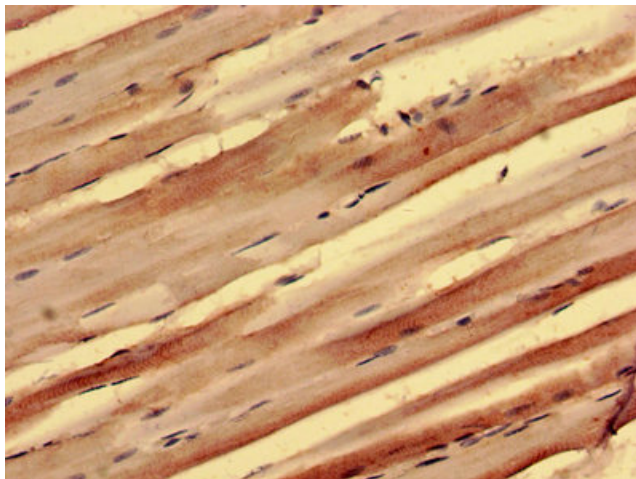
PPP1R3B Rabbit Polyclonal Antibody

Product data:

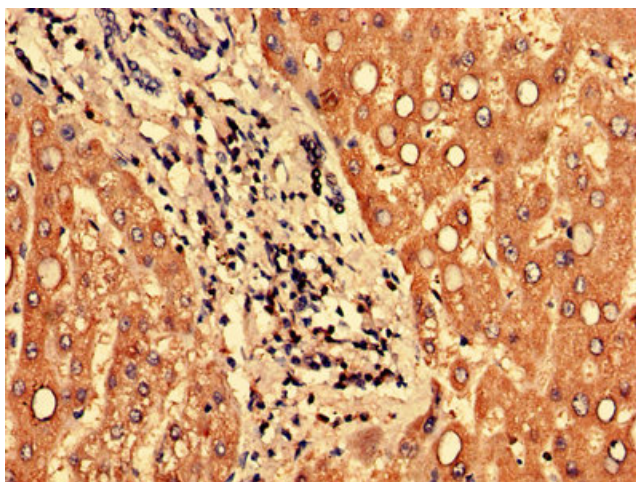
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200
Reactivity:	Mouse, Rat, Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Human Protein phosphatase 1 regulatory subunit 3B protein (1-285AA)
Formulation:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Concentration:	lot specific
Purification:	>95%, Protein G purified
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Stability:	1 year from dispatch.
Database Link:	Q86XI6
Background:	Acts as a glycogen-targeting subunit for phosphatase PP1. Facilitates interaction of the PP1 with enzymes of the glycogen metabolism and regulates its activity. Suppresses the rate at which PP1 dephosphorylates (inactivates) glycogen phosphorylase and enhances the rate at which it activates glycogen synthase and therefore limits glycogen breakdown. Its activity is inhibited by PYGL, resulting in inhibition of the glycogen synthase and glycogen phosphorylase phosphatase activities of PP1. Dramatically increases basal and insulin-stimulated glycogen synthesis upon overexpression in hepatocytes.



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Product images:

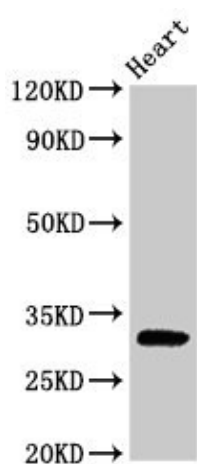
Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using TA388145 at dilution of 1:100



Immunohistochemistry of paraffin-embedded human liver tissue using TA388145 at dilution of 1:100



Western blot
 All lanes: PPP1R3B antibody at 6 μ g/ml + Mouse liver tissue
 Secondary
 Goat polyclonal to rabbit IgG at 1/10000 dilution
 Predicted band size: 33 kDa
 Observed band size: 33 kDa



Western Blot
 Positive WB detected in: Rat heart tissue
 All lanes: PPP1R3B antibody at 2.5 μ g/ml
 Secondary
 Goat polyclonal to rabbit IgG at 1/50000 dilution
 Predicted band size: 33 kDa
 Observed band size: 33 kDa