ANGPTL4 Antibody

PACO43214

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:2000, IHC:1:20-1:200

Protein Background:

Protein with hypoxia-induced expression in endothelial cells. May act as a regulator of angiogenesis and modulate tumorigenesis. Inhibits proliferation, migration, and tubule formation of endothelial cells and reduces vascular leakage. May exert a protective function on endothelial cells through an endocrine action. It is directly involved in regulating glucose homeostasis, lipid metabolism, and insulin sensitivity. In response to hypoxia, the unprocessed form of the protein accumulates in the subendothelial extracellular matrix (ECM). The matrix-associated and immobilized unprocessed form limits the formation of actin stress fibers and focal contacts in the adhering endothelial cells and inhibits their adhesion. It also decreases motility of endothelial cells and inhibits the sprouting and tube formation.

Gene ID:

ANGPTL4

Uniprot

Q9BY76

Synonyms:

Angiopoietin-related protein 4 (Angiopoietin-like protein 4) (Hepatic fibrinogen/angiopoietin-related protein) (HFARP), ANGPTL4, ARP4 HFARP PGAR

Immunogen:

Recombinant Human Angiopoietin-related protein 4 protein (26-406AA).

Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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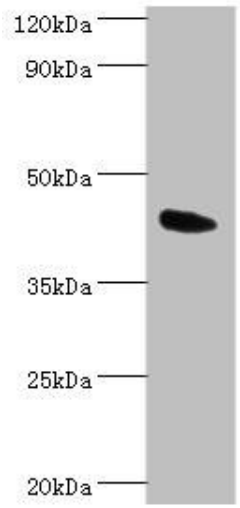
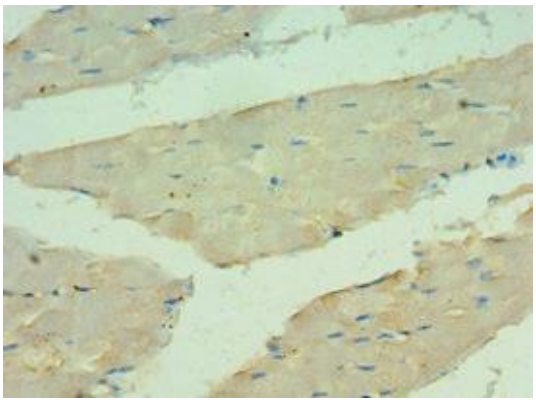
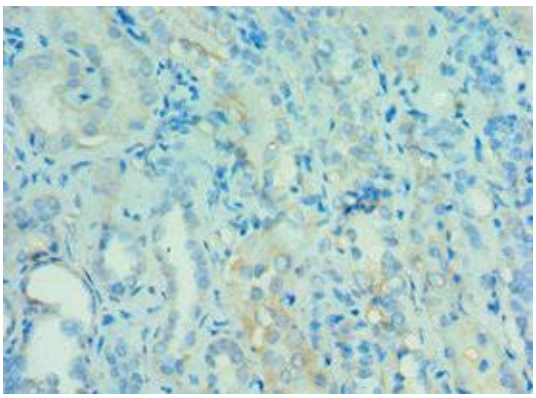
Product Images



Western blot. All lanes: Angiopoietin-related protein 4 antibody at 2µg/ml + Mouse heart tissue. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 46, 41, 27 kDa. Observed band size: 46 kDa.



Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using PACO43214 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human kidney tissue using PACO43214 at dilution of 1:100.

