USA: proteintech@ptglab.com

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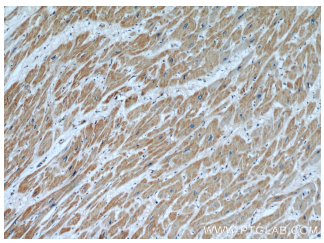
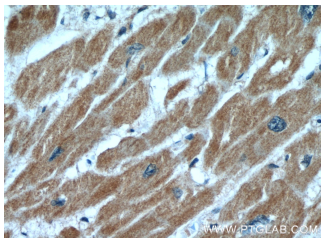
ANGPTL2 Polyclonal Antibody

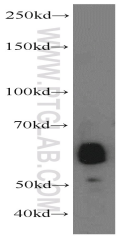
Catalog number: 12316-1-AP
Size: 64 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
ANGPTL2; angiopoietin like 2, Angiopoietin like protein 2, Angiopoietin related protein 2, ANGPTL2, ARP2, HARP



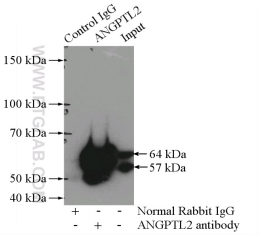
Immunohistochemical of paraffin-embedded human heart using 12316-1-AP(ANGPTL2 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human heart using 12316-1-AP(ANGPTL2 antibody) at dilution of 1:50 (under 40x lens)



mouse small intestine tissue were subjected to SDS PAGE followed by western blot with 12316-1-AP(ANGPTL2 antibody) at dilution of 1:300



IP Result of anti-ANGPTL2

Background

ANGPTL2 (angiopoietin-like 2), a member of the Angptl protein family, is predominantly secreted from adipose tissue and the heart. ANGPTL2 consists of an N-terminus with a conserved coiled-coil domain, two glycosylation sites and a C-terminus with a conserved fibrinogen-like domain. It is a key adipocyte-derived inflammatory mediator that links obesity to systemic insulin resistance. ANGPTL2 may play an important role in the pathogenesis of diabetic glomerulopathy.

Applications

Tested applications:	**ELISA, WB, IHC, IP**
Cited applications:	**WB**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Cited species:	**Human**
Caculated ANGPTL2 MW:	**493aa,57 kDa**
Observed ANGPTL2 MW:	**57-64 kDa**
Positive WB detected in	**Mouse small intestine tissue, mouse heart tissue, mouse spleen tissue, mouse testis tissue**
Positive IP detected in	**Mouse testis tissue**
Positive IHC detected in	**Human heart tissue, human spleen tissue**
Recommended dilution:	**WB: 1:500-1:5000** **IP: 1:200-1:2000** **IHC: 1:20-1:200**

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag2969**
GenBank accession number:	**BC012368**
Gene ID (NCBI):	**23452**
Full name:	**Angiopoietin-like 2**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**

(IP:12316-1-AP, 4ug;
Detection:12316-1-AP 1:500)
with mouse testis tissue lysate
4800ug.