USA: proteintech@ptglab.com

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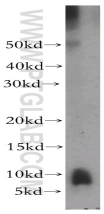
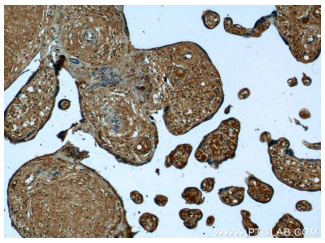
PPBP,NAP2 Polyclonal Antibody

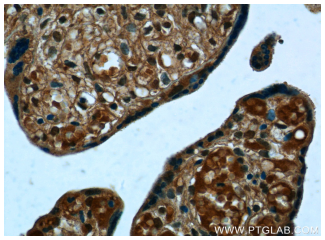
Catalog number: 13313-1-AP
Size: 31 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
PPBP; B TG1, Beta TG, C X C motif chemokine 7, CTAP III, CTAP3, CTAPIII, CXCL7, LA PF4, LDGF, MDGF, NAP 2, NAP 2(1 63), NAP-2, PBP, Platelet basic protein, PPBP, SCYB7, Small inducible cytokine B7, TC1, TC2, TGB, TGB1, THBGB, THBGB1



mouse liver tissue were subjected to SDS PAGE followed by western blot with 13313-1-AP(PPBP antibody) at dilution of 1:300



Immunohistochemistry of paraffin-embedded human placenta tissue slide using 13313-1-AP(PPBP Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human placenta tissue slide using 13313-1-AP(PPBP Antibody) at dilution of 1:50 (under 40x lens)

Background

PPBP, slso named as NAP2, or β-Thromboglobulin, is a platelet-derived growth factor that belongs to the CXC chemokine family. This growth factor is a potent chemoattractant and activator of neutrophils. It has been shown to stimulate various cellular processes including DNA synthesis, mitosis, glycolysis, intracellular cAMP accumulation, prostaglandin E2 secretion, and synthesis of hyaluronic acid and sulfated glycosaminoglycan. It also stimulates the formation and secretion of plasminogen activator by synovial cells.

Applications

Tested applications:	**ELISA, WB, IHC**
Species specificity:	**Human, Mouse; other species not tested.**
Caculated PPBP,NAP2 MW:	**128aa,14 kDa**
Observed PPBP,NAP2 MW:	**8-14 kDa**
Positive WB detected in	**Mouse liver tissue, human blood tissue, human liver tissue**
Positive IHC detected in	**Human placenta tissue**
Recommended dilution:	**WB: 1:200-1:1000**
	IHC: 1:20-1:200

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

Immunogen information

Immunogen:	**Ag4147**
GenBank accession number:	**BC028217**
Gene ID (NCBI):	**5473**
Full name:	**Pro-platelet basic protein (chemokine (C-X-C motif) ligand 7)**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**