

For Research Use Only

# PPBP,NAP2 Polyclonal antibody

Catalog Number: 13313-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 13313-1-AP	<b>GenBank Accession Number:</b> BC028217	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 900 µg/ml by Nanodrop and 553 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 5473	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> pro-platelet basic protein (chemokine (C-X-C motif) ligand 7)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 128 aa, 14 kDa	
<b>Immunogen Catalog Number:</b> AG4147	<b>Observed MW:</b> 8-14 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB,ELISA	<b>Positive Controls:</b> WB : mouse liver tissue, human liver tissue, human plasma tissue IHC : human placenta tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> mouse	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

PPBP, also named as NAP2, or  $\beta$ -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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Mehdi Eshraghi	33674575	Nat Commun	WB

## Storage

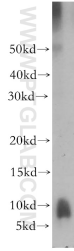
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

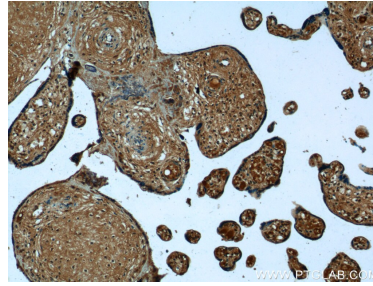
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

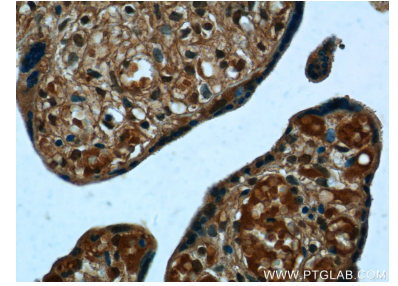
## Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 13313-1-AP (PPBP,NAP2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 13313-1-AP (PPBP,NAP2 antibody at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 13313-1-AP (PPBP,NAP2 antibody at dilution of 1:50 (under 40x lens).