

For Research Use Only

# CXCL7/PPBP Polyclonal antibody

Catalog Number:33296-1-AP



## Basic Information

<b>Catalog Number:</b> 33296-1-AP	<b>GenBank Accession Number:</b> NM_023785.3	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 450 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 57349	<b>Recommended Dilutions:</b> WB: 1:1000-1:6000 IHC: 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9EQI5	
<b>Isotype:</b> IgG	<b>Full Name:</b> pro-platelet basic protein	
<b>Immunogen Catalog Number:</b> EG2806	<b>Calculated MW:</b> 12 kDa	
	<b>Observed MW:</b> 10-12 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> mouse	<b>WB :</b> mouse serum, mouse spleen tissue
	<b>IHC :</b> mouse placenta tissue,

**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.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

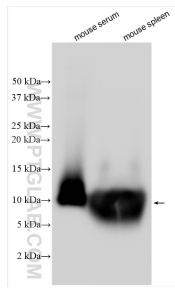
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

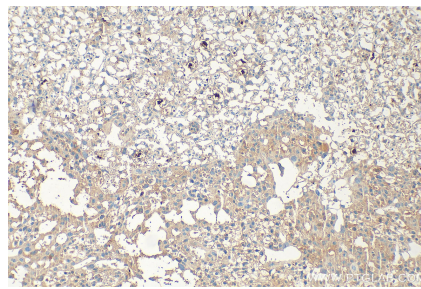
E: proteintech@ptglab.com  
W: ptglab.com

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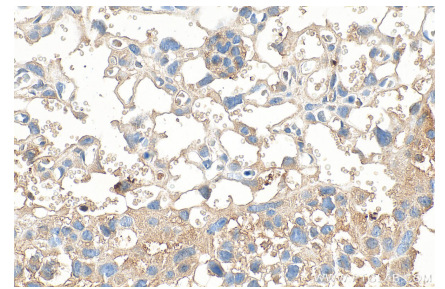
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33296-1-AP (CXCL7/PPBP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse placenta tissue slide using 33296-1-AP (PPBP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse placenta tissue slide using 33296-1-AP (PPBP antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).