

For Research Use Only

CXCL7/PPBP Polyclonal antibody

Catalog Number:33296-1-AP



Basic Information

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

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: mouse	WB : mouse serum, mouse spleen tissue IHC : 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 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.

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

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

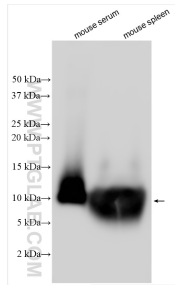
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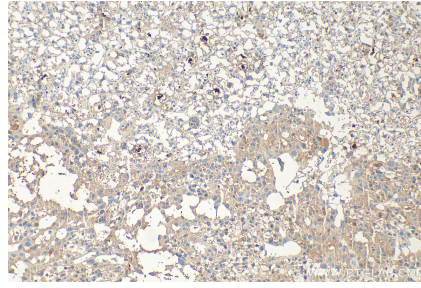
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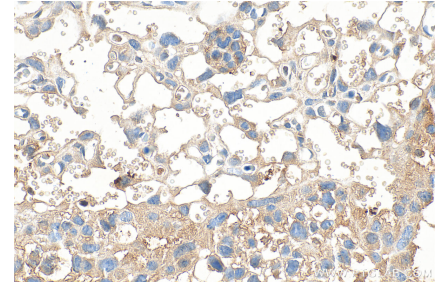
Selected Validation Data



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).