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Datasheet for ABIN7247900 anti-CXCL7 antibody

3 Images



Overview

Quantity:	200 µL
Target:	CXCL7 (PPBP)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCL7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human PPBP
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

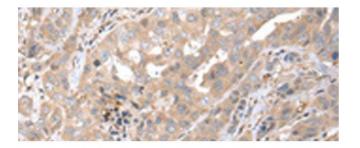
Target Details

Target:	CXCL7 (PPBP)
Alternative Name:	PPBP (PPBP Products)
Background:	PPBP (Pro-Platelet Basic Protein) is a Protein Coding gene. Diseases associated with PPBP include Erythromelalgia and Colloid Adenoma. Among its related pathways are GPCR Pathway
	and Peptide ligand-binding receptors. GO annotations related to this gene include growth factor
	activity and glucose transmembrane transporter activity. An important paralog of this gene is

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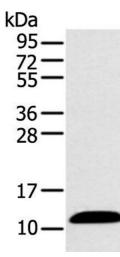
Target Details

	CXCL1. The protein encoded by this gene 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. The protein also is an antimicrobial protein with bactericidal and antifungal activity.
Molecular Weight:	Observed_MW: Refer to figures Calculated_MW: 14 kDa
UniProt:	P02775
Application Details	
Application Notes:	WB 1:1000-1:5000, IHC 1:25-1:100, ELISA 1:2000-1:10000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.8 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



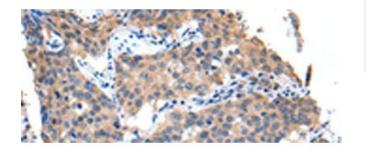
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human breast cancer tissue using PPBP Polyclonal Antibody at dilution of 1:35(x200)



Western Blotting

Image 2. Western blot analysis of Human plasma solution using PPBP Polyclonal Antibody at dilution of 1:500



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human lung cancer tissue using PPBP Polyclonal Antibody at dilution of 1:35(x200)

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