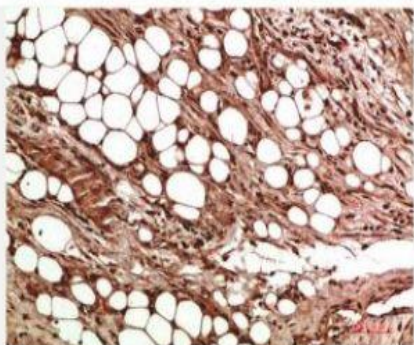


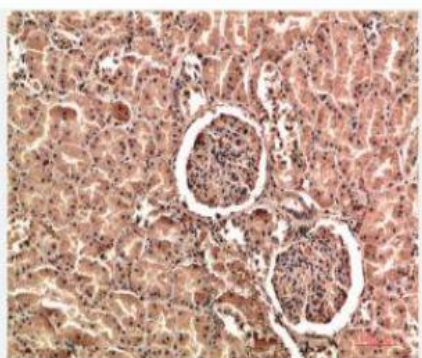
## VEGF Rabbit Polyclonal Antibody

<b>Catalog No.</b>	IPB0086
<b>Reactivity</b>	Human; Mouse; Rat
<b>Applications</b>	IF/ICC; WB; IHC-p
<b>Dilution</b>	IF: 1:50-200    WB: 1:500-2000    IHC: 1:50-1:200
<b>Gene Name</b>	VEGFA
<b>Protein Name</b>	VEGFA
<b>Human Gene Id</b>	7422
<b>Swiss-Prot</b>	P15692
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
<b>Source</b>	Rabbit
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
<b>Concentration</b>	1 mg/ml
<b>Storage&amp;Stability</b>	-20°C/1 year
<b>Subcellular Location</b>	Secreted VEGF121 is acidic and freely secreted VEGF165 is more basic, has heparin-binding properties and, although a significant proportion remains cell-associated, most is freely secreted VEGF189 is very basic, it is cell-associated after secretion and is bound avidly by heparin and the extracellular matrix, although it may be released as a soluble form by heparin, heparinase or plasmin
<b>MW</b>	-
<b>Background</b>	This gene is a member of the PDGF:VEGF growth factor family It encodes a heparin-binding protein, which exists as a disulfide-linked homodimer This growth factor induces proliferation and migration of vascular endothelial cells, and is essential for both physiological and pathological angiogenesis Disruption of this gene in mice resulted in abnormal embryonic blood vessel formation This gene is upregulated in many known tumors and its expression is correlated with tumor stage and progression Elevated levels of this protein are found in patients with POEMS syndrome, also known as Crow-Fukase syndrome Allelic variants of this gene have been associated with microvascular complications of diabetes 1 (MVCD1) and atherosclerosis Alternatively spliced transcript variants encoding different isoforms have been described

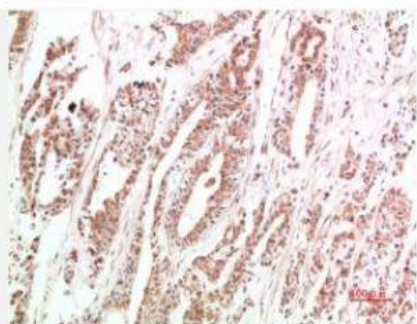
### Products Images:



Immunohistochemical analysis of paraffin-embedded Human Liver Carcinoma Tissue using VEGF Rabbit pAb diluted at 1:500.



Immunohistochemical analysis of paraffin-embedded Human Kidney Tissue using VEGF Rabbit pAb diluted at 1:500.



Immunohistochemical analysis of paraffin-embedded Human Stomach Carcinoma Tissue using VEGF Rabbit pAb diluted at 1:500.