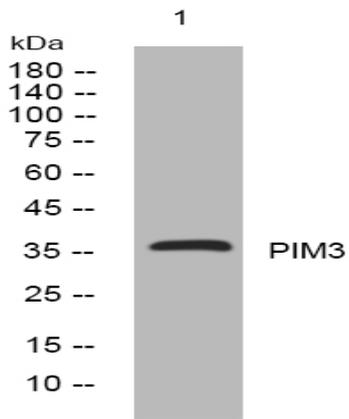


PIM3 rabbit pAb

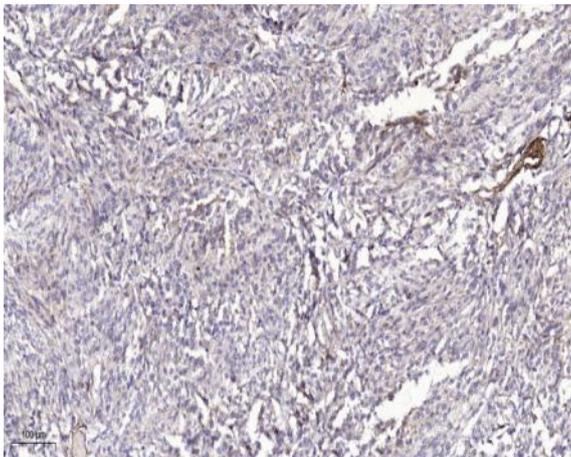
Catalog No :	YT7716
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC
Target :	PIM3
Gene Name :	PIM3
Protein Name :	PIM3
Human Gene Id :	415116
Human Swiss Prot No :	Q86V86
Mouse Gene Id :	223775
Mouse Swiss Prot No :	P58750
Rat Gene Id :	64534
Rat Swiss Prot No :	O70444
Immunogen :	Synthesized peptide derived from human PIM3 AA range: 102-152
Specificity :	This antibody detects endogenous levels of PIM3 at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	36kD
Background :	The protein encoded by this gene belongs to the Ser/Thr protein kinase family, and PIM subfamily. This gene is overexpressed in hematological and epithelial tumors and is associated with MYC coexpression. It plays a role in the regulation of signal transduction cascades, contributing to both cell proliferation and survival, and provides a selective advantage in tumorigenesis. [provided by RefSeq, Jun 2012],
Function :	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:May be involved in cell cycle progression and anti-apoptosis process. Implicated in proliferation of human hepatoma cell lines.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. PIM subfamily.,similarity:Contains 1 protein kinase domain.,tissue specificity:Widely expressed. No expression in colon, thymus, and small intestine. Expressed in human hepatoma cell lines but not in normal liver tissues.,
Subcellular Location :	Cytoplasm .
Expression :	Detected in various tissues, including the heart, brain, lung, kidney, spleen, placenta, skeletal muscle, and peripheral blood leukocytes. Not found or barely expressed in the normal adult endoderm-derived organs such as colon, thymus, liver, or small intestine. However, expression is augmented in premalignant and malignant lesions of these organs.
Sort :	12708
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images



Western blot analysis of lysates from Hela cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).