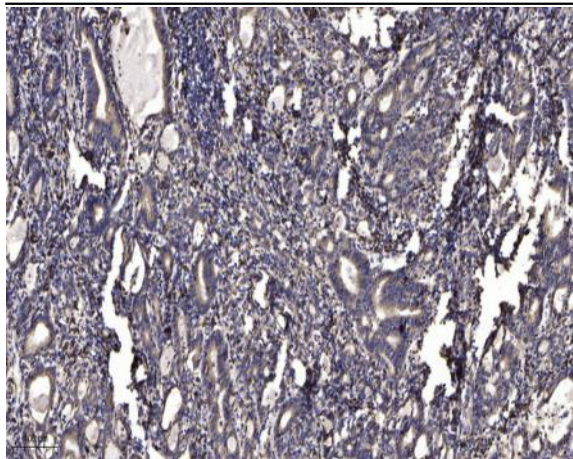


## Internexin- $\alpha$ Polyclonal Antibody

<b>Catalog No :</b>	YT2374
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC
<b>Target :</b>	Internexin- $\alpha$
<b>Gene Name :</b>	INA
<b>Protein Name :</b>	Alpha-internexin
<b>Human Gene Id :</b>	9118
<b>Human Swiss Prot No :</b>	Q16352
<b>Mouse Gene Id :</b>	226180
<b>Mouse Swiss Prot No :</b>	P46660
<b>Rat Gene Id :</b>	24503
<b>Rat Swiss Prot No :</b>	P23565
<b>Immunogen :</b>	Synthesized peptide derived from the Internal region of human Internexin- $\alpha$ .
<b>Specificity :</b>	Internexin- $\alpha$ Polyclonal Antibody detects endogenous levels of Internexin- $\alpha$ protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000;IHC 1:50-300
<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 Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	55kD
<b>Background :</b>	Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and they functionally maintain the neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene is a member of the intermediate filament family and is involved in the morphogenesis of neurons. [provided by RefSeq, Jun 2009],
<b>Function :</b>	developmental stage:Expressed in brain as early as the 16th week of gestation, and increased rapidly and reached a steady state level by the 18th week of gestation.,function:Class-IV neuronal intermediate filament that is able to self-assemble. It is involved in the morphogenesis of neurons. It may form an independent structural network without the involvement of other neurofilaments or it may cooperate with NF-L to form the filamentous backbone to which NF-M and NF-H attach to form the cross-bridges.,PTM:O-glycosylated.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the intermediate filament family.,tissue specificity:Found predominantly in adult CNS.,
<b>Subcellular Location :</b>	extracellular space,nucleoplasm,neurofilament,nuclear membrane,cytoplasmic ribonucleoprotein granule,myelin sheath,intermediate filament cytoskeleton,
<b>Expression :</b>	Found predominantly in adult CNS.
<b>Sort :</b>	8627
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

## Products Images



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 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).