Best Tools for immunology Research

Internexin-α Polyclonal Antibody

Catalog No :	YT2374
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC
Target :	Internexin-α
Gene Name :	INA
Protein Name :	Alpha-internexin
Human Gene Id :	9118
Human Swiss Prot No :	Q16352
Mouse Gene Id :	226180
Mouse Swiss Prot No :	P46660
Rat Gene Id :	24503
Rat Swiss Prot No :	P23565
Immunogen :	Synthesized peptide derived from the Internal region of human Internexin-α.
Specificity :	Internexin-α Polyclonal Antibody detects endogenous levels of Internexin-α protein.
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)

Observed Band : 55kD

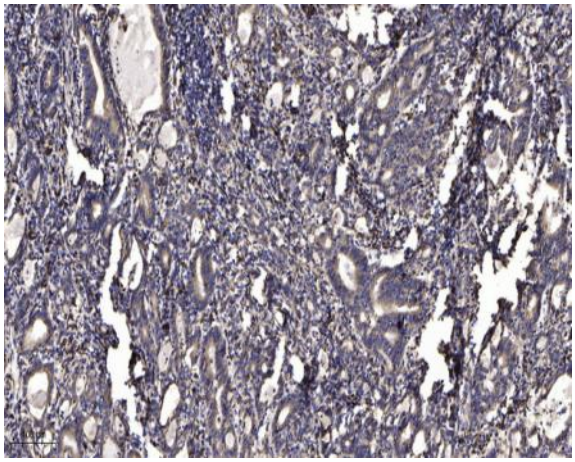
Background : Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and they functionally maintain the neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene is a member of the intermediate filament family and is involved in the morphogenesis of neurons. [provided by RefSeq, Jun 2009],

Function : 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.,

Subcellular Location : extracellular space,nucleoplasm,neurofilament,nuclear membrane,cytoplasmic ribonucleoprotein granule,myelin sheath,intermediate filament cytoskeleton,

Expression : Found predominantly in adult CNS.

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).