

Nek4 Polyclonal Antibody

Catalog No :	YT3032
Reactivity :	Human;Mouse;Rat
Applications :	IHC;IF;ELISA
Target :	Nek4
Gene Name :	NEK4
Protein Name :	Serine/threonine-protein kinase Nek4
Human Gene Id :	6787
Human Swiss Prot No :	P51957
Mouse Gene Id :	23955
Mouse Swiss Prot No :	Q9Z1J2
Immunogen :	Synthesized peptide derived from Nek4 . at AA range: 200-280
Specificity :	Nek4 Polyclonal Antibody detects endogenous levels of Nek4 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200
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 : 95kD

Background : catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,function:Seems to act exclusively upon threonine residues.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. NEK Ser/Thr protein kinase family. NIMA subfamily.,similarity:Contains 1 protein kinase domain.,tissue specificity:Highest expression in adult heart, followed by pancreas, skeletal muscle, brain, liver, kidney, lung and placenta. Present in most primary carcinomas.,

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Subcellular Location : Cell projection, cilium . Cytoplasm .

Expression : Highest expression in adult heart, followed by pancreas, skeletal muscle, brain, testis, retina, liver, kidney, lung and placenta. Present in most primary carcinomas.

Products Images



Immunohistochemical analysis of paraffin-embedded human spleen tissue. 1,primary Antibody was diluted at 1:200(4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200