

bs-7814R**[Primary Antibody]****NEK1 Rabbit pAb****BioSS**
ANTIBODIES

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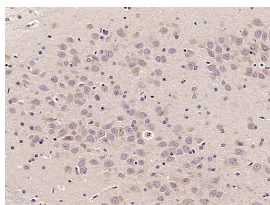
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Rat (predicted: Human, Mouse, Rabbit, Sheep, Cow, Dog) Predicted MW.: 143 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Polyclonal		
GeneID: 4750	SWISS: Q96PY6	
Target: NEK1		
Immunogen: KLH conjugated synthetic peptide derived from human NEK1: 301-400/1258.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: The protein encoded by this gene is a serine/threoninekinase involved in cell cycle regulation. The encoded protein isfound in a centrosomal complex with FEZ1, a neuronal protein thatplays a role in axonal development. Defects in this gene are acause of polycystic kidney disease (PKD). Several transcriptvariants encoding different isoforms have been found for this gene.[provided by RefSeq, Dec 2010].		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by microwave in sodium citrate buffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30min; Antibody incubation with (NEK1) Polyclonal Antibody, Unconjugated (bs-7814R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP)and DAB staining.

— SELECTED CITATIONS —

- **[IF=0]** Yeo, Abrey J., et al. "Senataxin controls meiotic silencing through ATR activation and chromatin remodeling." Cell Discovery 1 (2015). WB,ICC ;="Mouse". 27462424