

bs-0069R**[Primary Antibody]****Bioss**
ANTIBODIES

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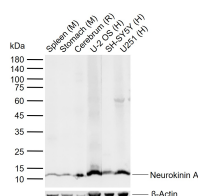
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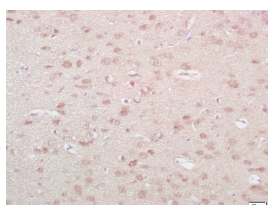
400-901-9800

Neurokinin A Rabbit pAb**— DATASHEET —**

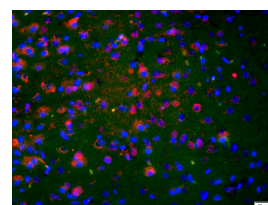
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse, Rat (predicted: Human, Rabbit, Sheep, Cow, Chicken, Dog, Horse) Predicted MW.: 11/13 kDa Subcellular Location: Secreted
Clonality: Polyclonal		
GeneID: 6863	SWISS: P20366	
Target: Neurokinin A		
Immunogen: KLH conjugated synthetic peptide derived from human neurokinin A/neuropeptide K: 98-107/129.		
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: This gene encodes four products of the tachykinin peptide hormone family, substance P and neurokinin A, as well as the related peptides, neuropeptide K and neuropeptide gamma. These hormones are thought to function as neurotransmitters which interact with nerve receptors and smooth muscle cells. They are known to induce behavioral responses and function as vasodilators and secretagogues. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008] This antibody is cross reactive with Neurokinin B.		

— VALIDATION IMAGES —

Sample: Lane 1: Mouse Spleen tissue lysates
Lane 2: Mouse Stomach tissue lysates Lane 3:
Rat Cerebrum tissue lysates Lane 4: Human U-2
OS cell lysates Lane 5: Human SH-SY5Y cell
lysates Lane 6: Human u251 cell lysates Primary:
Anti-Neurokinin A (bs-0069R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 11/13 kDa
Observed band size: 11 kDa



Tissue/cell: rat brain tissue; 4%
Paraformaldehyde-fixed and paraffin-
embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-NKA/Neurokinin A Polyclonal Antibody, Unconjugated(bs-0069R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



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Paraformaldehyde-fixed and paraffin-
embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-NKA/Neurokinin A Polyclonal Antibody, Unconjugated(bs-0069R) 1:200, overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated (bs-0295G-Cy3) used at 1:200 dilution for 40 minutes at 37°C. DAPI(5ug/ml, blue, C-0033) was used to stain the cell nuclei