

bs-11697R**[Primary Antibody]****HIPPI Rabbit pAb****BioSS**
ANTIBODIES

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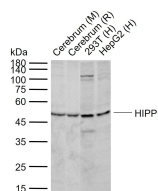
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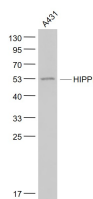
400-901-9800

— DATASHEET —

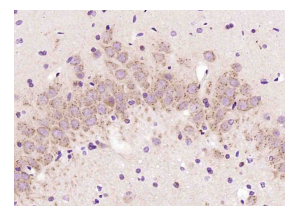
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat (predicted: Rabbit, Cow, Dog, Horse) Predicted MW.: 49 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 55081	SWISS: Q9NWB7	
Target: HIPPI		
Immunogen: KLH conjugated synthetic peptide derived from human HIPPI: 331-429/429.		
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: Programmed neuronal cell death is a feature of neurodegenerative disorders such as Alzheimer's and Huntington's disease, which occur later in human life. Huntington's disease at the molecular and cell level is characterized by polyglutamine expansion of the protein huntingtin (Htt) that leads to apoptotic-mediated neurodegenerative loss of medium spiny neurons throughout the striatum. Polyglutamine expansion reduces the level of association between Hip-1 and Htt, thereby increasing levels of free Hip-1 that then can be the candidate protein Hippi (Hip-1 protein interactor). The Hippi-Hip-1 heterodimer is a pro-apoptotic complex that recruits procaspase-8 and initiates caspase-8 activation, which may contribute to the neuronal cell death observed in individuals diagnosed with Huntington's disease. The human hippi gene maps to chromosome 3q13.13 and encodes a 429 amino acid protein.		

— VALIDATION IMAGES —

Sample: Lane 1: Mouse Cerebrum tissue lysates
Lane 2: Rat Cerebrum tissue lysates Lane 3:
Human 293T cell lysates Lane 4: Human HepG2
cell lysates Primary: Anti-HIPPI (bs-11697R) at
1/1000 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000 dilution Predicted
band size: 49 kDa Observed band size: 50 kDa



Sample: A431(Human) Cell Lysate at 30 ug
Primary: Anti- HIPPI (bs-11697R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 49 kD Observed band size: 52 kD



Paraformaldehyde-fixed, paraffin embedded (rat
brain); Antigen retrieval by boiling in sodium
citrate buffer (pH6.0) for 15min; Block
endogenous peroxidase by 3% hydrogen
peroxide for 20 minutes; Blocking buffer (normal
goat serum) at 37°C for 30min; Antibody
incubation with (HIPPI) Polyclonal Antibody,
Unconjugated (bs-11697R) at 1:200 overnight at
4°C, followed by operating according to SP
Kit(Rabbit) (sp-0023) instructions and DAB
staining.