

bs-19324R**[Primary Antibody]****NPAS2 Rabbit pAb****Bioss**
ANTIBODIES

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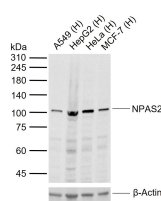
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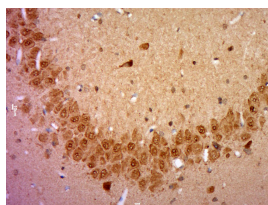
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 4862		
Target: NPAS2		
Immunogen: KLH conjugated synthetic peptide derived from human NPAS2: 631-730/824.		Reactivity: Human, Rat (predicted: Mouse, Dog)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 92 kDa
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.		Subcellular Location: Nucleus

— VALIDATION IMAGES —

Sample: Lane 1: Human A549 cell lysates Lane 2: Human HepG2 cell lysates Lane 3: Human HeLa cell lysates Lane 4: Human MCF-7 cell lysates
Primary: Anti-NPAS2 (bs-19324R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 92 kDa Observed band size: 105 kDa



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 (Neuronal PAS domain-containing protein 2; NPAS2) Polyclonal Antibody, Unconjugated (bs-19324R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

— SELECTED CITATIONS —

- **[IF=4.315]** Tong Xu. et al. A signature of circadian rhythm genes in driving anaplastic thyroid carcinoma malignant progression. CELL SIGNAL. 2022 Jul;95:110332 WB,IHC ;Human. 35430345