

bs-10550R

[Primary Antibody]

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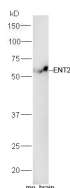
400-901-9800

ENT2 Rabbit pAb

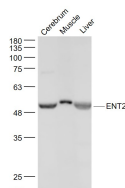
— DATASHEET —

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) Predicted MW.: 50 kDa Subcellular Location: Cell membrane ,Nucleus
Clonality: Polyclonal		
GeneID: 3177	SWISS: Q14542	
Target: ENT2		
Immunogen: KLH conjugated synthetic peptide derived from human ENT2: 221-320/456.		
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 uptake of nucleosides by transporters, such as SLC29A2, is essential for nucleotide synthesis by salvage pathways in cells that lack de novo biosynthetic pathways. Nucleoside transport also plays a key role in the regulation of many physiologic processes through its effect on adenosine concentration at the cell surface (Griffiths et al., 1997 [PubMed 9396714]).[supplied by OMIM, Nov 2008]		

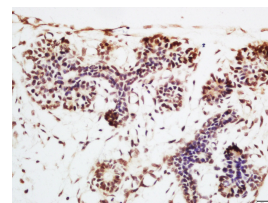
— VALIDATION IMAGES —



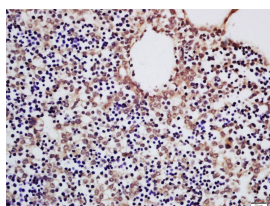
Protein: brain(mouse) lysate at 40ug; Primary: rabbit Anti-ENT2 (bs-10550R) at 1:300; Secondary: HRP conjugated Goat-Anti-rabbit IgG(bs-0295G-HRP) at 1: 5000; Predicted band size: 50 kD Observed band size: 55 kD



Sample: Cerebrum (Mouse) Lysate at 40 ug Muscle (Mouse) Lysate at 40 ug Liver (Mouse) Lysate at 40 ug Primary: Anti- ENT2 (bs-10550R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 50 kD Observed band size: 50 kD



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-ENT2 Polyclonal Antibody, Unconjugated(bs-10550R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



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Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Anti-ENT2 Polyclonal Antibody,
Unconjugated(bs-10550R) 1:200, overnight at
4°C, followed by conjugation to the secondary
antibody(SP-0023) and DAB(C-0010) staining