

**bs-13260R****[ Primary Antibody ]****GABA Transporter 3 Rabbit pAb****Bioss**  
**ANTIBODIES**

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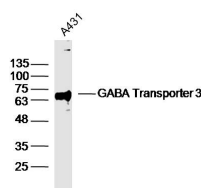
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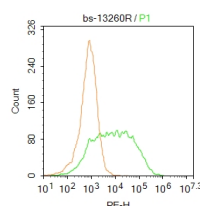
400-901-9800

**DATASHEET**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>Flow-Cyt</b> (1 $\mu$ g/test)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human (predicted: Mouse, Rat)
<b>GeneID:</b> 6538	<b>SWISS:</b> P48066	
<b>Target:</b> GABA Transporter 3		<b>Predicted MW.:</b> 71 kDa
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human GABA Transporter 3/GAT 3: 531-632/632.		<b>Subcellular Location:</b> Cell membrane
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> Gamma-aminobutyric acid (GABA) is a major inhibitory neurotransmitter. GABAergic neurotransmission is terminated by the uptake of GABA into the presynaptic terminal and the surrounding astroglial cells by sodium-dependent transporters, such as SLC6A11 (Borden et al., 1994 [PubMed 7874447]).[supplied by OMIM, Nov 2010]		

**VALIDATION IMAGES**

Sample: A431 (human) cell lysate at 40  $\mu$ g  
Primary: Anti-GABA Transporter 3 (bs-13260R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 71 kD  
Observed band size: 71 kD



Blank control: HepG2. Primary Antibody (green line): Rabbit Anti-GABA Transporter 3 antibody (bs-13260R) Dilution: 1 $\mu$ g / 10<sup>6</sup> cells; Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-PE Dilution: 1 $\mu$ g / test. Protocol The cells then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.