

Anti-GABA Transporter 3 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat)
Molecular Weight:	Theoretical: 71 kDa. Actual: 71 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Sample: A431 (Human) Cell Lysate at 40 µg Primary: Anti-GABA Transporter 3 (TMAB-06244) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 71 kD Observed band size: 71 kD</p> <p>2. Blank control: HepG2. Primary Antibody (green line): Rabbit Anti-GABA Transporter 3 antibody (TMAB-06244) Dilution: 1 µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-PE Dilution: 1 µg /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.</p>
Application:	WB,FCM
Recommended	WB: 1:500-2000; FCM: 1µg/Test

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human GABA Transporter 3/GAT 3
Antigen Species:	Human
Gene ID:	6538
Uniprot ID:	P48066

Research Background

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]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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