

Anti-SLC6A4 Antibody (8M887)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	8M887
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none">-Positive WB detected in: U-87 whole cell lysate, 293T whole cell lysate, U-251 whole cell lysate, HepG2 whole cell lysate-All lanes: Serotonin transporter antibody at 1:1000-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution-Predicted band size: 71, 75 kDa <p>-Observed band size: 55 kDa</p> <p>2. IHC image of TMAH-01107 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.</p>
Application:	ELISA,IHC,WB
Recommended	WB:1:500-1:5000; IHC:1:50-1:200.

Properties

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

Antigen Details

Immunogen:	A synthetic peptide: Human Serotonin transporter
Antigen Species:	Human
Gene ID:	6532
Uniprot ID:	P31645
Synonyms:	5HT transporter;SERT;HTT;Sodium-dependent serotonin transporter;Solute carrier family 6 member 4;5HTT
Biology Area:	Neuroscience, Metabolism, Signal transduction

Research Background

Serotonin transporter whose primary function in the central nervous system involves the regulation of serotonergic signaling via transport of serotonin molecules from the synaptic cleft back into the pre-synaptic terminal for re-

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utilization. Plays a key role in mediating regulation of the availability of serotonin to other receptors of serotonergic systems. Terminates the action of serotonin and recycles it in a sodium-dependent manner.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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