

Anti-Serine racemase/SRR Antibody (40965)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	40965
Purification:	Affinity-chromatography

Applications

- Western Blot
 - Positive WB detected in: A549 whole cell lysate, U87 whole cell lysate
 - All lanes: SRR antibody at 1:1000
 - Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution
 - Predicted band size: 37 kDa
 - Observed band size: 37 kDa

Verified Activity: 2. Overlay Peak curve showing HepG2 cells stained with TMAH-01132 (red line) at 1:100. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶ cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4°C. Control antibody (green line) was rabbit IgG (1ug/1*10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.

Application: ELISA,FCM,WB

Recommended WB:1:500-1:2000; FCM: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 SRR
Antigen Species:	Human
Gene ID:	63826
Uniprot ID:	Q9GZT4
Biology Area:	Neuroscience

Research Background

Catalyzes the synthesis of D-serine from L-serine. D-serine is a key coagonist with glutamate at NMDA receptors. Has dehydratase activity towards both L-serine and D-serine.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481