

Anti-GLUT1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 54 kDa. Actual: 60 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Measured by its binding ability in a indirect ELISA. Immobilized Human GLUT1 protein, His Tag at 2 µg/mL (100 µL/well) can bind Rabbit Anti-Human GLUT1 Antibody, the EC50 is 93.26 ng/mL.</p> <p>2. Sample:</p> <p>Lane 1: Mouse Liver tissue lysates Lane 2: Mouse Spleen tissue lysates Lane 3: Mouse Prostate tissue lysates Lane 4: Mouse Lung tissue lysates Lane 5: Mouse Testis tissue lysates Lane 6: Rat Lung tissue lysates Lane 7: Rat Testis tissue lysates</p> <p>Primary: Anti-GLUT1 (TMAB-06547) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 54 kDa Observed band size: 60 kDa</p>
Application:	WB,ELISA
Recommended	WB: 1:500-2000; ELISA: 1:5000-10000

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:	Recombinant Protein: human GLUT1 protein
Antigen Species:	Human
Gene ID:	6513
Uniprot ID:	P11166

Research Background

This gene encodes a major glucose transporter in the mammalian blood-brain barrier. Mutations in this gene have been found in a family with paroxysmal exertion-induced dyskinesia. [provided by RefSeq, Jul 2008].

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