GLCTK Conjugated Antibody

Catalog No: #C33958

Package Size: #C33958-AF350 100ul #C33958-AF405 100ul #C33958-AF488 100ul #C33958-AF555 100ul #C33958-AF594 100ul #C33958-AF647 100ul #C33958-AF680 100ul #C33958-AF750 100ul #C33958-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	GLCTK Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total GLCTK protein.
Immunogen Description	Synthesized peptide derived from internal of human GLCTK.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Glycerate kinase;EC 2.7.1.31;HBeAg-binding protein 4;GLYCTK;HBEBP4
Accession No.	Swiss-Prot#:Q8IVS8NCBI Gene ID:132158
Uniprot	Q8IVS8
GeneID	132158;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	60
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Background

Defects in GLYCTK are the cause of D-glyceric aciduria (D-GA). D-GA is a rare metabolic disease characterized by chronic metabolic acidosis and a highly variable clinical phenotype. Clinical features range from an encephalopathic presentation with seizures, microcephaly, severe mental retardation and early death, to milder manifestations with only speech delay or even normal development. Belongs to the glycerate kinase type-2 family. 7 isoforms of the human protein are produced by alternative splicing.

Note: This product is for in vitro research use only