LAT3 Conjugated Antibody

Catalog No: #C33609

Package Size: #C33609-AF350 100ul #C33609-AF405 100ul #C33609-AF488 100ul #C33609-AF555 100ul #C33609-AF594 100ul #C33609-AF647 100ul #C33609-AF680 100ul #C33609-AF750 100ul #C33609-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	LAT3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total LAT3 protein.
Immunogen Description	Synthesized peptide derived from internal of human LAT3.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	L-type amino acid transporter 3;LAT3;large neutral amino acids transporter small subunit 3;prostate cancer overexpressed gene 1 protein;solute carrier family 43 member 1
Accession No.	Swiss-Prot#:O75387NCBI Gene ID:8501
Uniprot	O75387
GeneID	8501;
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	61
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

Sodium-independent, high affinity transport of large neutral amino acids. Has narrower substrate selectivity compared to SLC7A5 and SLC7A8 and mainly transports branched-chain amino acids and phenylalanine. Plays a role in the development of human prostate cancer, from prostatic intraepithelial neoplasia to invasive prostate cancer.

Note: This product is for in vitro research use only