

PIST Conjugated Antibody

Catalog No: #C49928



Package Size: #C49928-AF350 100ul #C49928-AF405 100ul #C49928-AF488 100ul
 #C49928-AF555 100ul #C49928-AF594 100ul #C49928-AF647 100ul
 #C49928-AF680 100ul #C49928-AF750 100ul #C49928-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	PIST Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein within human PIST aa 1-100.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CAL antibody CFTR associated ligand antibody CFTR-associated ligand antibody dJ94G16.2 antibody dJ94G16.2 PIST antibody FIG antibody Fused in glioblastoma antibody Golgi associated PDZ and coiled coil motif containing antibody Golgi associated PDZ and coiled coil motif containing protein antibody Golgi-associated PDZ and coiled-coil motif-containing protein antibody GOPC 1 antibody GOPC antibody GOPC_HUMAN antibody GOPC1 antibody OTTHUMP00000040403 antibody PDZ protein interacting specifically with TC 10 antibody PDZ protein interacting specifically with TC10 antibody PDZ/coiled coil domain binding partner for the rho family GTPase TC 10 antibody PDZ/coiled coil domain binding partner for the rho family GTPase TC10 antibody PIST antibody Protein interacting specifically with Tc 10 antibody Protein interacting specifically with Tc10 antibody
Accession No.	Swiss-Prot#:Q9HD26
Uniprot	Q9HD26
GenID	57120;
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	51 kDa
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

Background

PIST (PDZ protein interacting specifically with TC10), also known as GOPC (golgi associated PDZ and coiled-coil motif containing), CAL or FIG, is a 462 amino acid protein that localizes to the cytoplasm, as well as to the membrane of the golgi apparatus and to the cell junction. Expressed ubiquitously and containing one PDZ (DHR) domain, PIST functions as a homooligomer that interacts with a variety of proteins and plays a role in intracellular protein trafficking and degradation. Additionally, PIST is thought to regulate ionic currents via membrane channel modification and may also play a role in autophagy. Chromosomal aberrations in the gene encoding PIST are found in glioblastoma multiform (GBM), a common and aggressive form of brain tumor, suggesting a role for mutated PIST in carcinogenesis. Three isoforms of PIST exist due to alternative splicing events.

Note: This product is for in vitro research use only