

TCTE3 Conjugated Antibody

Catalog No: #C42926



Package Size: #C42926-AF350 100ul #C42926-AF405 100ul #C42926-AF488 100ul
 #C42926-AF555 100ul #C42926-AF594 100ul #C42926-AF647 100ul
 #C42926-AF680 100ul #C42926-AF750 100ul #C42926-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	TCTE3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TCTE3 protein.
Immunogen Description	Full length fusion protein of human TCTE3
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	TCTEX1D3
Accession No.	Swiss-Prot#:Q8IZS6NCBI Gene ID:6991NCBI mRNA#:BC113639
Uniprot	Q8IZS6
GeneID	6991;
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
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

Dyneins are multi-subunit, high molecular weight ATPases that interact with microtubules to generate force by converting the chemical energy of ATP into the mechanical energy of movement. Cytoplasmic or axonemal Dynein is an approximately 12 subunit complex of two heavy chains, two intermediate chains to anchor Dynein to its cargo, four smaller intermediate chains and several light chains. It performs functions necessary for cell survival such as organelle transport and centrosome assembly. TCTEX1 is a cytoplasmic dynein light chain found in a complex with Na⁺ CP type X (SCN10A). TCTEX1D3, also called TCTE3, has been identified as a gene responsible for congenital diaphragmatic hernia (CDH).

Note: This product is for in vitro research use only