TNPO1 Conjugated Antibody

Catalog No: #C37732

Package Size: #C37732-AF350 100ul #C37732-AF405 100ul #C37732-AF488 100ul #C37732-AF555 100ul #C37732-AF594 100ul #C37732-AF647 100ul #C37732-AF680 100ul #C37732-AF750 100ul #C37732-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	TNPO1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total TNPO1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human transportin 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MIP; TRN; IPO2; MIP1; KPNB2
Accession No.	Swiss-Prot#:Q92973NCBI Gene ID:3842NCBI Protein#:NP_061821
Uniprot	Q92973
GeneID	3842;
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

This gene encodes the beta subunit of the karyopherin receptor complex which interacts with nuclear localization signals to target nuclear proteins to the nucleus. The karyopherin receptor complex is a heterodimer of an alpha subunit which recognizes the nuclear localization signal and a beta subunit which docks the complex at nucleoporins. Alternate splicing of this gene results in two transcript variants encoding different proteins.

Note: This product is for in vitro research use only