

## TIMM22 Conjugated Antibody

Catalog No: #C47717



Package Size: #C47717-AF350 100ul #C47717-AF405 100ul #C47717-AF488 100ul  
 #C47717-AF555 100ul #C47717-AF594 100ul #C47717-AF647 100ul  
 #C47717-AF680 100ul #C47717-AF750 100ul #C47717-Biotin 100ul

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## Description

Product Name	TIMM22 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu, Ms, Rat
Specificity	The antibody detects endogenous levels of total TIMM22 protein.
Immunogen Description	Fusion protein of human TIMM22
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	TEX4; TIM22
Accession No.	Swiss-Prot#:Q9Y584NCBI Gene ID:29928NCBI mRNA#:NCBI Protein#:BC002324
Uniprot	Q9Y584
GeneID	29928;
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	20 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

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Multipass transmembrane proteins are brought into mitochondria and inserted into the mitochondrial inner membrane by way of the TIM22 complex. This complex has six subunits and is a twin-pore translocase. The protein encoded by this gene is a subunit of TIM22 and represents the voltage-activated and signal-gated channel.

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Note: This product is for in vitro research use only