

For Research Use Only

# CoraLite®647-conjugated TOM20 Polyclonal antibody



Catalog Number: CL650-11802

Featured Product

## Basic Information

<b>Catalog Number:</b> CL650-11802	<b>GenBank Accession Number:</b> BC000882	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9804	<b>Excitation/Emission maxima wavelengths:</b> 654 nm / 674 nm
<b>Source:</b> Rabbit	<b>Full Name:</b> translocase of outer mitochondrial membrane 20 homolog (yeast)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 145 aa, 16 kDa	
<b>Immunogen Catalog Number:</b> AG2378	<b>Observed MW:</b> 16 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
human, mouse, rat

## Background Information

TOM20, also named as KIAA0016, belongs to the Tom20 family. It is a central component of the receptor complex responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with TOM22, TOM20 functions as the transit peptide receptor at the surface of the mitochondrion outer membrane and facilitates the movement of preproteins into the TOM40 translocation pore. TOM20 is characterized as major docking receptors to mediate the recognition by different mechanisms.

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light.

**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data