

Anti-TIMM22 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Pig,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 20 kDa. Actual: 20 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: A431 (Human) Cell Lysate at 30 µg Primary: Anti-TIMM22 (TMAB-13547) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 20 kD Observed band size: 20 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human TIMM22
Antigen Species:	Human
Gene ID:	29928
Uniprot ID:	Q9Y584

Research Background

TIMM22 is an essential core component of the TIM22 protein insertion complex, a complex that mediates the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. In the TIM22 complex, it constitutes the voltage-activated, signal-gated hydrophilic high-conductance channel. It forms a twin-pore translocase that uses the membrane potential as an external driving force in 2 voltage-dependent steps.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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