

Anti-SCAP Antibody (6G550)

Product Details

Ig Type:	IgG1, k
Reactivity:	Human
Molecular Weight:	Theoretical: 140 kDa. Actual: 120 kDa.
Clone:	6G550
Purification:	Protein G purified

Applications

Sample:	Lane 1: HT-29 cell lysates Lane 2: LNCaP cell lysates
Verified Activity:	Primary: Anti-SCAP (TMAB-12555) at 1/4000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 140 kD Observed band size: 120 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 SCAP
Antigen Species:	Human
Gene ID:	22937
Uniprot ID:	Q12770

Research Background

This gene encodes a protein with a sterol sensing domain (SSD) and seven WD domains. In the presence of cholesterol, this protein binds to sterol regulatory element binding proteins (SREBPs) and mediates their transport from the ER to the Golgi. The SREBPs are then proteolytically cleaved and regulate sterol biosynthesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]

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