

## Anti-DEGS1 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Pig,Cow,Rabbit,Sheep)
Molecular Weight:	Theoretical: 35 kDa. Actual: 38 kDa.
Purification:	Protein A purified

## Applications

Sample:	Lane 1: Human Hela cell lysates Lane 2: Human 293T cell lysates
Verified Activity:	Primary: Anti-DEGS1 (TMAB-05067) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 35 kDa Observed band size: 38 kDa
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 DEGS1
Antigen Species:	Human
Gene ID:	8560
Uniprot ID:	O15121

## Research Background

DEGS1 is a member of the membrane fatty acid desaturase family which is responsible for inserting double bonds into specific positions in fatty acids. It contains three His containing consensus motifs that are characteristic of a group of membrane fatty acid desaturases. It has sphingolipid-delta-4-desaturase activity and converts D-erythro-sphinganine to D-erythro-sphingosine (E-sphing-4-enine).

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