

Product datasheet for **TA336055**

SC5DL (SC5D) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-SC5DL Antibody: synthetic peptide directed towards the N terminal of human SC5DL. Synthetic peptide located within the following region: NQVRREIKFTVQALPWISILTVALFLLEIRGYSKLHDDLGEFPYGLFELV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	35 kDa
Gene Name:	sterol-C5-desaturase
Database Link:	NP_001020127 Entrez Gene 6309 Human O75845
Background:	SC5DL catalyzes a dehydrogenation to introduce C5-6 double bond into lathosterol. This gene encodes an enzyme of cholesterol biosynthesis. The encoded protein catalyzes the conversion of lathosterol into 7-dehydrocholesterol. Mutations in this gene have been associated with lathosterolosis. Alternatively spliced transcript variants encoding the same protein have been described.
Synonyms:	ERG3; S5DES; SC5DL



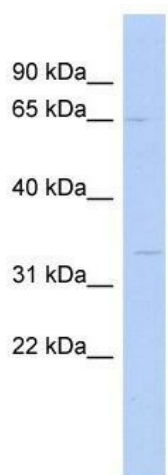
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Note: Immunogen Sequence Homology: Human: 100%

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Metabolic pathways, Steroid biosynthesis

Product images:



WB Suggested Anti-SC5DL Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: COLO205 cell lysate