

DNAXPab

Hard-to-Find
Antibody

SC5DL DNAXPab

Catalog # H00006309-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SC5DL DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MDLVLRVADYYFFTPYYPATWPEDDIFRQAISLLVTNVGAYILYFFCATLSYYFVFDHALMKHPQF LKNQVRREIKFTVQALPWISILTVALLFLEIRGYSKLHDDLGEFPYGLFELVVSIIISFLFFDMFYWIH RGLHHRVLVYKRLHKPHHWKIPTPFASHAFHPIDGFLQSLPYHYFPFIFPLHKVVYLSLYLVNIWTISIH DGD FRVPQILQPFINGSAHHTDHHMFFDYNYGQYFTLWDRIGGSFKNPSSFEGKGPLSYVKEMTE GKRSSHSGNGCKNEKLFNGEFTKTE
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SC5DL

Entrez GeneID	6309
GeneBank Accession#	NM_001024956.1
Protein Accession#	NP_001020127.1
Gene Name	SC5DL
Gene Alias	ERG3, S5DES, SC5D
Gene Description	sterol-C5-desaturase (ERG3 delta-5-desaturase homolog, S. cerevisiae)-like
Omim ID	602286 607330
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	3beta-hydroxysteroid-delta5-desaturase delta-5-desaturase fungal ERG3, delta-5-desaturase-like lathosterol 5-desaturase lathosterol dehydrogenase lathosterol oxidase sterol C5-desaturase-like sterol-C5-desaturase

Pathway

- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Metabolic pathways](#)
- [Steroid biosynthesis](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)

- [Tobacco Use Disorder](#)