

DNAxPAb

Hard-to-Find
Antibody

DSG1 DNAxPab

Catalog # H00001828-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human DSG1 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MDWSFFRVVAMLFIFLVVVEVNSEFRIQVRDYNTKNGTIKWHISIRQKREWIKFAAACREGEDNS
 KRNPIAKIHSDCAANQQVTYRISGVGIDQPPYGIFVINQKTGEINITSVDREVTPFFIYCRALNSMGQD
 LERPLELRVRVLDINDNPPVFSMATFAGQIEENSNANTLVMILNATDADEPNLNSKIAFKIIRQEPS
 DSPMFIIINRNTGEIRTMNNFLDREQYGQYALAVRGSDRDGGADGMSAECECNKILDVNDNIPYME
 QSSYTIEIQENTLNSNLEIRVIDLDEEFSANWMAVIFISGNEGNWFEIEMNERTNVGILKVVKPLDY
 EAMQSLQLSIGVRNKAEFHHSIMSQYKLKASISVTVLNVIEGPVFRPGSKTYVVTGNMGSNDKVG
 DFVATDLDTGRPSTTVRYVMGNNPADLLAVDSRTGKLT LKNKVTKEQYNMLGGKYQG TILSIDDNL
 QRTCTGTINIQSFGNDDRTNTEPNTKITNTGRQUESTSSTNYDTS TTSTDSSQVYSSEPGNGAKD
 LLSDNVHFGPAGIGLLIMGFLVLGLVPFLMICCD CGGAPRSAAGFEPVPECSDGAIHSWAVEGPQ
 PEPRDITTVIPQIPPDNANIIECIDNSGVYTNEYGGREMQLGGGERMTGFELTEGVKTS GMPEICQ
 EYSGTLRRNSMRECREGGLNMFMESYFCQKAYAYADEDEGRPSNDCLLIYDIEGVGSPAGSVG
 CCSFIGEDLDDSF LDTLGPKFKKLADISLGKESYDLDPSWPPQSTEPVCLPQETEPVVSGHPPI
 SPHFGTTT VISESTYPSGPGVLHPKPILDPLGYGNVTVTESYTTSDTLKPSVHVHDNRPASNVVVT
 ERVVGPISGADLHGMLEMPDLRDGSNVIVTERVIAPSSSLPTSLTIHHPRESSNVVVTERTVIQPTSG
 MIGLSMHPELANAHNVVTERVVSGAGVTGISGTTGISGGIGSSGLVG TSMGAGSGALSGAGISG
 GGIGLSSLGGTASIGHMRSSSDHFNQTIGSASPSTARSRTKYSTVQYSK

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 — DSG1

Entrez GeneID [1828](#)

GeneBank Accession# [BC153001](#)

Protein Accession# [AAI53002.1](#)

Gene Name DSG1

Gene Alias CDHF4, DG1, DSG

Gene Description desmoglein 1

Omim ID [125670 148700](#)

Gene Ontology [Hyperlink](#)

Gene Summary Desmosomes are cell-cell junctions between epithelial, myocardial and certain other cell types. Desmoglein 1 is a calcium-binding transmembrane glycoprotein component of desmosomes in vertebrate epithelial cells. Currently, three desmoglein subfamily members have been identified and all are members of the cadherin cell adhesion molecule superfamily. These desmoglein gene family members are located in a cluster on chromosome 18. The protein encoded by this gene has been identified as the autoantigen of the autoimmune skin blistering disease pemphigus foliaceus. [provided by RefSeq]

Other Designations desmosomal glycoprotein 1|pemphigus foliaceus antigen

Disease

- [Pemphigus](#)