Anti-DSG1 antibody (800-1049) (STJ111854)

STJ111854

GENERAL INFORMATION

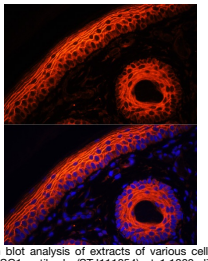
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Rat

PRODUCT PROPERTIES

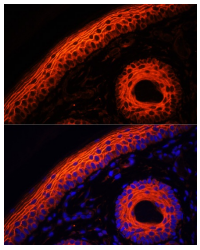
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/ICC:1:50-1:100 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

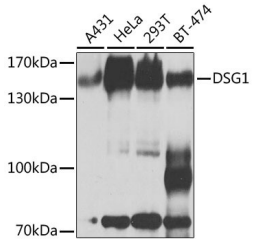
Gene ID	1828
Gene Symbol	DSG1
Uniprot ID	DSG1_HUMAN
Immunogen	
Immunogen Region	800-1049
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 800-1049 of human DSG1 (NP_001933.2).
Immunogen Sequence	SPHFGTTTVISESTYPSGPG VLHPKPILDPLGYGNVTVTE SYTTSDTLKPSVHVHDNRPA SNVVVTERVVGPISGADLHG MLEMPDLRDGSNVIVTERVI APSSSLPTSLTIHHPRESSN VVVTERVIQPTSGMIGSLSM HPELANAHNVIVTERVVSGA GVTGISGTTGISGGIGSSGL VGTSMGAGSGALSGAGISGG GIGLSSLGGTASIGHMRSSS DHHFNQTIGSASPSTARSR



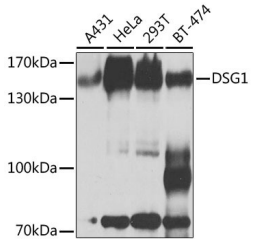
Western blot analysis of extracts of various cell lines, using DSG1 antibody (STJ111854) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Immunofluorescence analysis of rat skin using DSG1 antibody (STJ111854) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat skin using DSG1 antibody (STJ111854) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using DSG1 antibody (STJ111854) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081