

Datasheet for ABIN6139825
anti-Desmocollin 1 antibody (AA 480-690)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Desmocollin 1 (DSC1)
Binding Specificity:	AA 480-690
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Desmocollin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 480-690 of human DSC1 (NP_077739.1).
Sequence:	SQDGFPAQGE LLGYKALDPE ISSGEGRLRYQ KLGDEDNWFE INQHTGDLRT LKVLDRRESKF VKNNQYNISV VAVDAVGRSC TGTLVVHLDD YNDHAPQIDK EVTICQNNED FAVLKPVDPD GPENGPPFQF FLDNSASKNW NIEEKDGKTA ILRQRQNLDY NYYSVPIQIK DRHGLVATHM LTVRVDCST PSECRMKDKS TRDVRPNVIL G
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

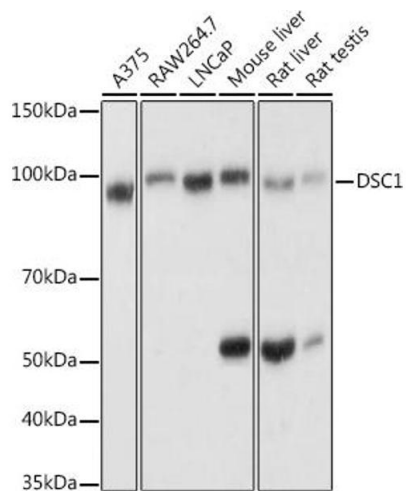
Target:	Desmocollin 1 (DSC1)
Alternative Name:	DSC1 (DSC1 Products)
Background:	<p>The protein encoded by this gene is a calcium-dependent glycoprotein that is a member of the desmocollin subfamily of the cadherin superfamily. These desmosomal family members, along with the desmogleins, are found primarily in epithelial cells where they constitute the adhesive proteins of the desmosome cell-cell junction and are required for cell adhesion and desmosome formation. A subtype of IgA pemphigus, a life-threatening autoimmune disease, is characterized by the presence of autoantibodies that target the encoded protein. The desmosomal family members are arranged in two clusters on chromosome 18. Alternative splicing of this gene results in multiple transcript variants. At least one of these variants encodes a preproprotein that is proteolytically processed to generate the mature protein.,DSC1,CDHF1,DG2/DG3,Signal Transduction,Cell Biology & Developmental Biology,Cell Adhesion,Cadherins,Cytoskeleton,Extracellular Matrix,DSC1</p>
Molecular Weight:	93 kDa/99 kDa
Gene ID:	1823
UniProt:	Q08554

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using DSC1 antibody (ABIN6127801, ABIN6139825, ABIN6139826 and ABIN6214179) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1 s.