

For Research Use Only

# DSC3 Polyclonal antibody

Catalog Number: 31154-1-AP



## Basic Information

<b>Catalog Number:</b> 31154-1-AP	<b>GenBank Accession Number:</b> NM_001941	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 600 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1825	<b>Recommended Dilutions:</b> IHC: 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q14574	
<b>Isotype:</b> IgG	<b>Full Name:</b> desmocollin 3	
<b>Immunogen Catalog Number:</b> AG34648	<b>Calculated MW:</b> 100 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : mouse skin tissue,
<b>Species Specificity:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Desmocollin-3 (DSC3), also known as CDHF3 and DSC4, is a member of the cadherin superfamily of calcium-dependent cell adhesion molecules and a major component of desmosomes. It has 2 isoforms with molecular masses of 100 and 93 kDa. It is particularly expressed in the vagina, testis, skin, oral mucosa and esophagus. Its subcellular localization is at the cell membrane. Post-translational modifications, including glycosylation, have been described.

## Storage

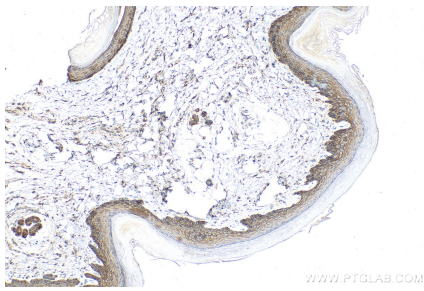
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

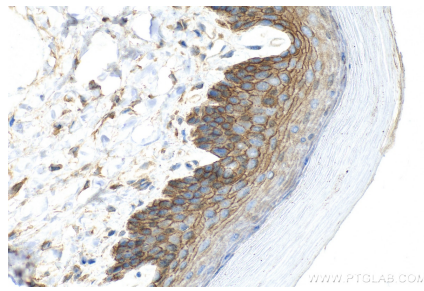
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 31154-1-AP (DSC3 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 31154-1-AP (DSC3 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).