



Rabbit Anti-Desmoglein 3 antibody

SL6585R

Product Name:	Desmoglein 3
Chinese Name:	桥粒芯蛋白3抗体
Alias:	130 kD pemphigus vulgaris antigen; Balding; CDHF 6; CDHF6; Desmoglein 3 precursor; Desmoglein3; DKFZp686P23184; DSG 3; DSG3; DSG-3; Pemphigus vulgaris antigen; PVA; DSG3_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	105kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Desmoglein 3:50-75/999<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. Desmoglein 3 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. This protein has been identified as the autoantigen of the autoimmune skin blistering disease pemphigus vulgaris.

Subcellular Location:

Cell membrane; Single-pass type I membrane protein. Cell junction, desmosome.

Tissue Specificity:

Epidermis, tongue, tonsil, esophagus and carcinomas.

Similarity:

Contains 4 cadherin domains.

SWISS:

P32926

Gene ID:

1830

Database links:

[Entrez Gene: 1830](#)Human

[Omic: 169615](#)Human

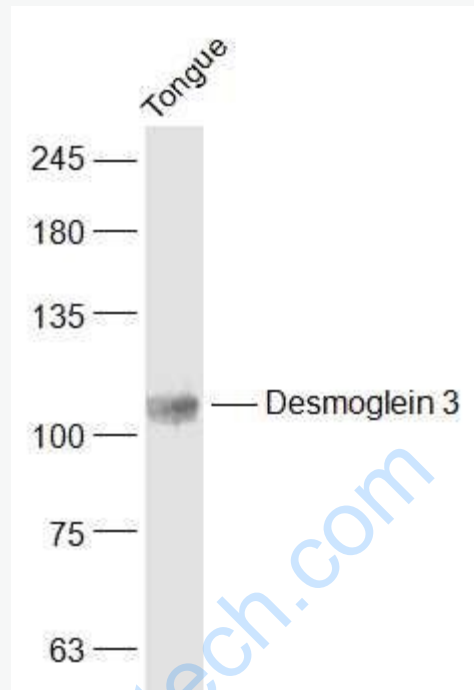
[SwissProt: P32926](#)Human

[Unigene: 1925](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

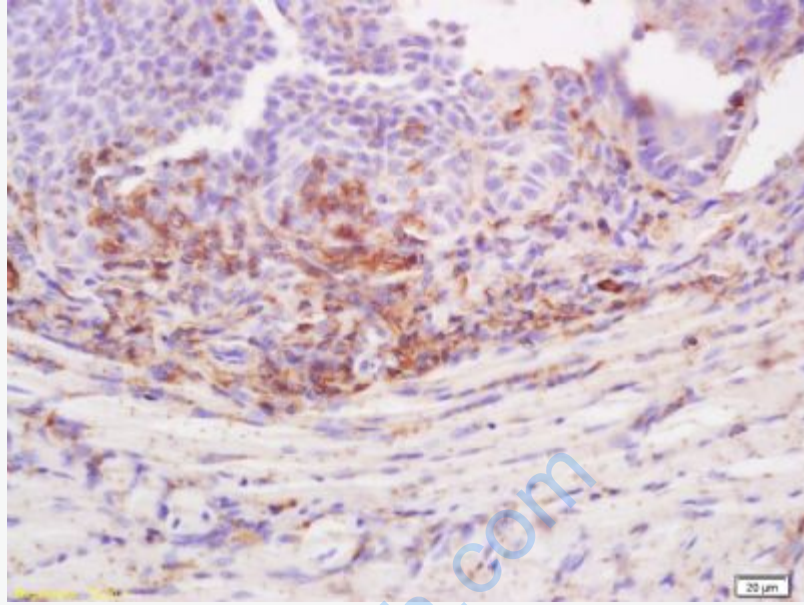
Tongue (Mouse) Lysate at 40 ug

Primary: Anti-Desmoglein 3 (SL6585R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 105 kD

Observed band size: 105 kD



Tissue/cell: rat tongue tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-Desmoglein 3 Polyclonal Antibody, Unconjugated(SL6585R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining