

Rabbit anti-Human DSC3 Polyclonal Antibody | anti-DSC3 antibody

DSC3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234623	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

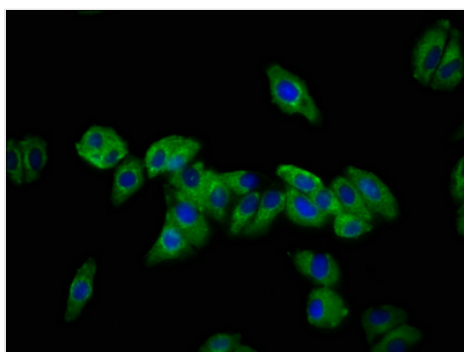
PRODUCT SYNONYMS

DSC3; Polyclonal Antibody; DSC3 Antibody; Desmocollin-3; Cadherin family member 3; Desmocollin-4; HT-CP; CDHF3; DSC4; anti-DSC3 antibody

PRODUCT SPECIFICATIONS

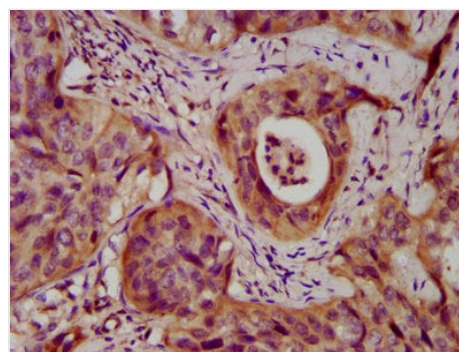
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	896
Applicable Applications for anti-DSC3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Desmocollin-3 protein (712-896AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



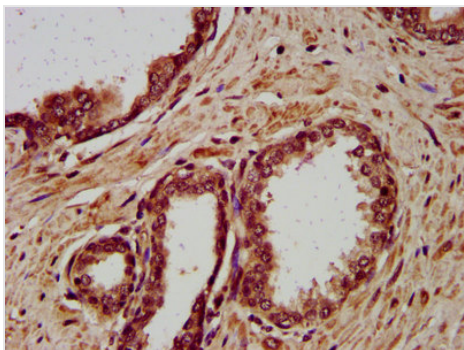
IHC (Immunohistochemistry)

Immunofluorescence staining of HepG2 cells with AAA234623 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234623 diluted at 1:400 and staining in paraffin-embedded human cervical cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)
 IHC image of AAA234623 diluted at 1:400 and staining in paraffin-embedded human prostate cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-DSC3 antibody	Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion. May contribute to epidermal cell positioning (stratification) by mediating differential adhesiveness between cells that express different isoforms.
Product Categories/Family for anti-DSC3 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	148539846
NCBI GeneID	1825
NCBI Accession #	NP_001932.2
NCBI GenBank Nucleotide #	NM_001941.4
UniProt Accession #	Q14574; Q14200; Q9HAZ9; A6NN35
Molecular Weight	93,454 Da
NCBI Official Full Name	desmocollin-3 isoform Dsc3a preproprotein
NCBI Official Synonym Full Names	desmocollin 3
NCBI Official Symbol	DSC3
NCBI Official Synonym Symbols	DSC; DSC1; DSC2; DSC4; CDHF3; HT-CP
NCBI Protein Information	desmocollin-3
UniProt Protein Name	Desmocollin-3
UniProt Gene Name	DSC3
UniProt Synonym Gene Names	CDHF3; DSC4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.