



Rabbit anti-Human Desmoplakin I+II polyclonal antibody (DPABH-11854)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Major high molecular weight protein of desmosomes. Involved in the organization of the desmosomal cadherin-plakoglobin complexes into discrete plasma membrane domains and in the anchoring of intermediate filaments to the desmosomes.
Immunogen	Synthetic peptide corresponding to a region within amino acids 1900-1950 of Human Desmoplakin I+II (NP_004406.2).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IP
Format	Liquid
Size	100 µg
Buffer	Constituent: 99% Tris citrate/phosphateNote: pH 7 to 8
Preservative	0.09% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	DSP desmoplakin [Homo sapiens]
Official Symbol	DSP
Synonyms	DSP; desmoplakin; DP; DPI; DP11; desmoplakin I; desmoplakin II; 250/210 kDa paraneoplastic pemphigus antigen;
Entrez Gene ID	1832
Protein Refseq	NP_001008844.1
UniProt ID	P15924
Pathway	Alpha6-Beta4 Integrin Signaling Pathway; Apoptotic cleavage of cell adhesion proteins; Apoptotic execution phase; Arrhythmogenic right ventricular cardiomyopathy (ARVC)
Function	cell adhesion molecule binding; poly(A) RNA binding; protein binding; protein binding, bridging