



Desmoplakin (phospho-Ser165/166) rabbit pAb

Cat No.:ES16959

For research use only

Overview

Product Name	Desmoplakin (phospho-Ser165/166) rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:1000-2000
Immunogen	Synthesized phospho peptide around human Desmoplakin (Ser165 and 166)
Specificity	This antibody detects endogenous levels of Human Mouse Rat Desmoplakin (phospho-Ser165 or 166)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Desmoplakin (Ser165/166)
Gene Name	DSP
Cellular localization	Cell junction, desmosome . Cytoplasm, cytoskeleton . Cell membrane . Innermost portion of the desmosomal plaque. Colocalizes with epidermal KRT5-KRT14 and simple KRT8-KRT18 keratins and VIM intermediate filaments network (PubMed:12802069). Localizes at the intercalated disk in cardiomyocytes (By similarity).
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	300kD
Human Gene ID	1832
Human Swiss-Prot Number	P15924
Alternative Names	Desmoplakin (DP) (250/210 kDa paraneoplastic pemphigus antigen)
Background	This gene encodes a protein that anchors





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intermediate filaments to desmosomal plaques and forms an obligate component of functional desmosomes. Mutations in this gene are the cause of several cardiomyopathies and keratodermas, including skin fragility-woolly hair syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016],



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