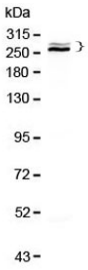
Desmoplakin Antibody / DSP (RQ4353)

Catalog No.	Formulation	Size
RQ4353	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P15924
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This Desmoplakin antibody is available for research use only.



Western blot testing of human HepG2 cell lysate with Desmoplakin antibody at 0.5ug/ml. Predicted molecular weight: ~332 kDa (isoform DPI), ~260 kDa (isoform DPII), ~279 kDa (isoform DPIa).

Description

Desmoplakin is a protein in humans that is encoded by the DSP gene. This gene encodes a protein that anchors 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.

Application Notes

Optimal dilution of the Desmoplakin antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids Q1810-A2092 was used as the immunogen for the Desmoplakin antibody.

Storage

After reconstitution, the Desmoplakin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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