

Polyclonal Antibody to NDUFA10 (N-120) - Aff - Purified

Catalog No.:	15-288-21965A
Quantity:	0.1 mg
Host / Isotype:	Chicken
Immunogen:	Synthetic peptide corresponding to sequence present within the intracellular part of human desmocollin 1 AA Sequence: HQTLESVKGVGQGDTRGYATDWQC
Format:	State: Lyophilized purified IgG Purification: Protein A affinity chromatography Buffer System: PBS buffer, pH 7.4 containing 0.09 % NaN ₃ , 0.5% BSA Reconstitution: Restore in 1 ml dist. water.
Applications:	<u>Immunoblotting.</u> <u>Immunohistochemistry on frozen sections:</u> 1:10; 1 h at RT or overnight at 2-8°C; preincubation with 0.05 - 0.2% Triton X-100, for 5-10 min, depending on tissue type, is recommended; Without detergent pretreatment a cytoplasmic component might cross-react (e.g. in fibroblasts). <u>Immunohistochemistry on paraffin-embedded sections</u> (after microwave treatment): 1:10; 1 h at RT or overnight at 2-8°C; a slight crossreactivity with a lymphocyte subpopulation is abolished by mild trypsinization after the microwave step) Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Reacts with 111 kD (form "a") and 103 kD (form "b") polypeptides (desmocollin 1 splice forms, both at pI 5.2) from human epidermal desmosomes. Mab localizes Dsc1 present in - suprabasal layers of interfollicular epidermis - specific cell layers (e.g. in hair follicle root sheath) - Hassall bodies (spheroidal formations of densely packed reticulum-derived cells in the thymus). Species: Human. Others not tested.
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store the antibody at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General References:	1. Nuber UA, Schäfer S, Stehr S, Rackwitz H-R, Franke WW (1996): Patterns of desmocollin synthesis in human epithelia: Immunolocalization of desmocollins 1 and 3 in special epithelia and in cultured cells. Eur J Cell Biol 71: 1-13 2. Schäfer S, Stump S, Franke WW (1996): Immunological identification and

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characterization of the desmosomal cadherin Dsg2 in coupled and uncoupled epithelial cells and in human tissues. *Differentiation* 60:99-108

3. Moll I, Houdek P, Schäfer S, Nuber U, Moll R: Diversity of desmosomal proteins in regenerating epidermis: Immunohistochemical study using a human skin organ culture model. *Arch Dermatol Res* 291, 437-446 (1999).

4. Kurzen H, Moll I, Moll R, Schäfer S, Simics E, Amagai M, Wheelock M, Franke WW: Compositionally different desmosomes in the various compartments of the human hair follicle. *Differentiation* 63, 295-304 (1998).

5. Akat K, Mennel H-D, Kremer P, Gassler N, Bleck CKE, Kartenbeck J: Molecular characterization of desmosomes in meningiomas and arachnoidal tissue. *Acta Neuropathol* 106, 337-347 (2003)

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