



Datasheet for ABIN1169072 anti-CRNN antibody (AA 259-274)



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1 Image

1 Publication

Overview

Quantity:	50 µg
Target:	CRNN
Binding Specificity:	AA 259-274
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide corresponding to aa 259-274 (E259ATNDQNRGTETHGQG274) of human cornulin.
Specificity:	Recognizes human cornulin. Detects a band of ~70 kDa by Western blot.
Cross-Reactivity:	Human

Target Details

Target:	CRNN
Alternative Name:	Cornulin (CRNN Products)
Background:	Cornulin is a survival factor that participates in the clonogenicity of squamous esophageal epithelium cell lines. It attenuates deoxycholic acid (DCA)-induced apoptotic cell death and the release of calcium. In overexpressed oral squamous carcinoma cell lines, cornulin negatively regulates cell proliferation by the induction of G1 arrest.

Target Details

UniProt: [Q9UBG3](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: In PBS containing 1 % BSA and 0.01 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Stable for at least 1 year after receipt when stored at -20°C.

Expiry Date: 12 months

Publications

Product cited in: Terpos, Katodritou, Symeonidis, Zagouri, Gerofotis, Christopoulou, Gavriatopoulou, Christoulas, Ntanasis-Stathopoulos, Kourakli, Konstantinidou, Kastritis, Dimopoulos: "Effect of induction therapy with lenalidomide, doxorubicin and dexamethasone on bone remodeling and angiogenesis in newly diagnosed multiple myeloma." in: **International journal of cancer**, Vol. 145, Issue 2, pp. 559-568, (2019) ([PubMed](#)).

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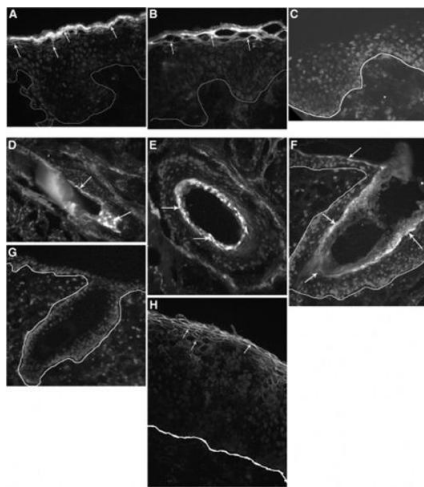
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response is linked to both acute and established metabolic changes in ultra-marathon runners." in: **Endocrine**, Vol. 56, Issue 1, pp. 196-204, (2016) ([PubMed](#)).

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Images



Immunohistochemistry

Image 1. Immunohistochemistry detection of human cornulin using anti-Cornulin (human) (ABIN1169072). Method: Staining performed on frozen sections of esophagus (H), foreskin (A-C) and scalp (D-G) using anti-Cornulin (human), (ABIN1169072) at 1:100 in PBS containing 12% BSA. Cornulin is expressed in the outer most layer of scalp skin and in the inner root sheath of the hair follicle (arrows, D–F), in normal esophagus, the staining is localized in the granular and lower cornified cell layers with a peripheral localization (arrows). Control sections (C and G) show no staining.