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Datasheet for ABIN1386968 **anti-Repetin antibody (AA 30-80)**

Overview

Quantity:	100 µL
Target:	Repetin (RPTN)
Binding Specificity:	AA 30-80
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Repetin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Repetin
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Repetin (RPTN)
Alternative Name:	Repetin (RPTN Products)
Background:	Synonyms: Intermediate filament associated protein, RPTN, RPTN_HUMAN.

Target Details

Background: Repetin is a 784 amino acid secreted protein that belongs to the S100-fused protein family. Repetin is an extracellular epidermal matrix protein that is expressed in the epidermis and at high levels in eccrine sweat glands, the inner sheaths of hair roots and the filiform papilli of the tongue. A multifunctional epidermal matrix protein, repetin is involved in the cornified cell envelope formation. Containing two EF-hand domains, repetin's recombinant N-terminal domain binds calcium reversibly. Repetin and trichohyalin may compensate for absent loricrin. The repetin gene contains three exons, two introns and spans at least 5.6 kb. The repetin gene is conserved in cow, mouse and rat, and maps to human chromosome 1q21.3.

Gene ID: 126638

UniProt: [Q6XPR3](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months