

Repetin Polyclonal Antibody

Cat No: HR1AP5833

For research use only

Overview

Product Name	Repetin Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	90kDa
GeneID?Human?	RPTN
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	RPTN; Repetin
Background	<p>domain:Can be divided into a N-terminal domain with significant homology to S100-like calcium-binding proteins, a central domain containing a series of short tandem repeats, and two flanking segments with low homology to the consensus sequences of the central repeats.,function:Involved in the cornified cell envelope formation. Multifunctional epidermal matrix protein. Reversibly binds calcium.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,PTM:Potential substrate of transglutaminase. Some arginines are probably converted to citrullines by peptidylarginine deimidase.,similarity:Belongs to the S100-fused protein family.,similarity:Contains 2 EF-hand domains.,tissue specificity:Expression is scattered in the normal epidermis but strong in the acrosyngium, the inner hair root sheath and in the filiform papilli of the tongue.,</p>