

## Anti-Repetin Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Pig,Cow,Horse)
Molecular Weight:	Theoretical: 91 kDa. Actual: 91 kDa.
Purification:	Protein A purified

### Applications

Verified Activity:	1. Sample: A431 (human) cell Lysate at 40 µg Primary: Anti-repetin (TMAB-12193) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 91 kD Observed band size: 91 kD
	2. Sample: Hela (Human) Cell Lysate at 40 µg Primary: Anti-repetin (TMAB-12193) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 91 kD Observed band size: 91 kD
	Application: WB
	Recommended WB: 1:500-2000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Repetin
Antigen Species:	Human
Gene ID:	126638
Uniprot ID:	Q6XPR3

### Research 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 lorcrin. 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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