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Datasheet for ABIN676082
anti-LAMA3 antibody (AA 2701-2800) (HRP)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | LAMA3 |
| Binding Specificity: | AA 2701-2800 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This LAMA3 antibody is conjugated to HRP |
| Application: | ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human LAMA3 |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Predicted Reactivity: | Mouse,Rat |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|---|
| Target: | LAMA3 |
| Alternative Name: | LAMA3/Laminin 5 alpha 3 (LAMA3 Products) |
| Background: | Synonyms: E170, LOCS, BM600, LAMNA, Laminin subunit alpha-3, Epiligrin 170 kDa subunit, |

Target Details

Epiligrin subunit alpha, Kalinin subunit alpha, Laminin-5 subunit alpha, Laminin-6 subunit alpha, Laminin-7 subunit alpha, Nicein subunit alpha, LAMA3

Background: Binding to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components. Laminin-5 is thought to be involved in (1) cell adhesion via integrin alpha-3/beta-1 in focal adhesion and integrin alpha-6/beta-4 in hemidesmosomes, (2) signal transduction via tyrosine phosphorylation of pp125-FAK and p80, (3) differentiation of keratinocytes.

Gene ID: 3909

UniProt: [Q16787](#)

Application Details

Application Notes: IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months