

Laminin subunit beta-4/LAMB4 Rabbit pAb

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Catalog # AP54253

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	A4D0S4
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	193540
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Laminin subunit beta-4
Epitope Specificity	1451-1550/1761
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted, extracellular space, extracellular matrix, basement membrane.
DISEASE	Acromesomelic dysplasia, Maroteaux type (AMDM) [MIM:602875]: An autosomal recessive acromesomelic chondrodysplasia. Acromesomelic chondrodysplasias are rare hereditary skeletal disorders characterized by short stature, very short limbs and hand/foot malformations. The severity of limb abnormalities increases from proximal to distal with profoundly affected hands and feet showing brachydactyly and/or rudimentary fingers (knob-like fingers). AMDM is characterized by axial skeletal involvement with wedging of vertebral bodies. In AMDM all skeletal elements are present but show abnormal rates of linear growth. Note=The disease is caused by mutations affecting the gene represented in this entry.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	22798
Other Names	Laminin subunit beta-4, Laminin beta-1-related protein, LAMB4
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

Protein Information

Name	LAMB4
Function	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.
Cellular Location	Secreted, extracellular space, extracellular matrix, basement membrane

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.