

LAMA5 (aa1029-1043) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3522a**Specification**

LAMA5 (aa1029-1043) Antibody (internal region) - Product Information

Application	E
Primary Accession	O15230
Other Accession	NP_005551.3 , 3911
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	399737

LAMA5 (aa1029-1043) Antibody (internal region) - Additional Information**Gene ID** 3911**Other Names**

Laminin subunit alpha-5, Laminin-10 subunit alpha, Laminin-11 subunit alpha, Laminin-15 subunit alpha, LAMA5, KIAA0533, KIAA1907

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

LAMA5 (aa1029-1043) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

LAMA5 (aa1029-1043) Antibody (internal region) - Protein Information**Name** LAMA5**Synonyms** KIAA0533, KIAA1907**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. Plays a role in the regulation of skeletogenesis, through a mechanism that involves integrin-mediated signaling and PTK2B/PYK2 (PubMed:33242826).

Cellular Location

Secreted, extracellular space, extracellular matrix, basement membrane. Note=Major component

Tissue Location

Expressed in heart, lung, kidney, skeletal muscle, pancreas, retina and placenta. Little or no expression in brain and liver. Expressed in muscle, ligaments, periosteum, trabecular bone and throughout the cartilage, particularly in the growth plate and in articular chondrocytes (PubMed:33242826)

LAMA5 (aa1029-1043) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LAMA5 (aa1029-1043) Antibody (internal region) - Images**LAMA5 (aa1029-1043) Antibody (internal region) - References**

Association of a common LAMA5 variant with anthropometric and metabolic traits in an Italian cohort of healthy elderly subjects. De Luca M, Crocco P, Wiener H, Tiwari HK, Passarino G, Rose G. Exp Gerontol. 2011 Jan;46(1):60-4. PMID: 20951195