

Laminin alpha 5 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51312**Specification**

Laminin alpha 5 Antibody - Product Information

Application	WB, IP, IHC-P, E
Primary Accession	O15230
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	400 KDa

Laminin alpha 5 Antibody - 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

Dilution

WB~~1:1000
IP~~N/A
IHC-P~~N/A
E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Laminin alpha 5 Antibody - 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)

Laminin alpha 5 Antibody - 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](#)

Laminin alpha 5 Antibody - Images**Laminin alpha 5 Antibody - 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 alpha 5 Antibody - References

Doi M.,et al.J. Biol. Chem. 277:12741-12748(2002).
Deloukas P.,et al.Nature 414:865-871(2001).
Nagase T.,et al.DNA Res. 8:179-187(2001).
Nagase T.,et al.DNA Res. 5:31-39(1998).
Durkin M.E.,et al.FEBS Lett. 411:296-300(1997).