

## Product Datasheet

# Laminin subunit beta-1 Rabbit Polyclonal Antibody (orb10997)

<b>Catalog Number</b>	orb10997
<b>Category</b>	Antibodies
<b>Description</b>	Laminin subunit beta-1 Rabbit Polyclonal Antibody
<b>Target</b>	LAMB1
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Bovine
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human Laminin subunit beta-1 (901-1000/1786aa)
<b>RRID</b>	AB_10748948

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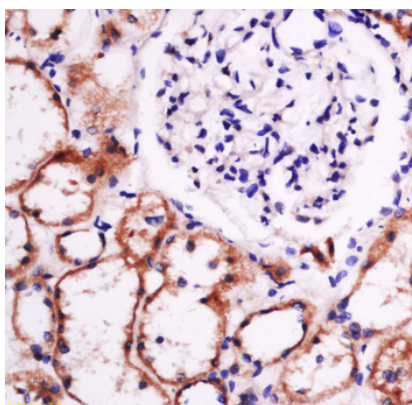
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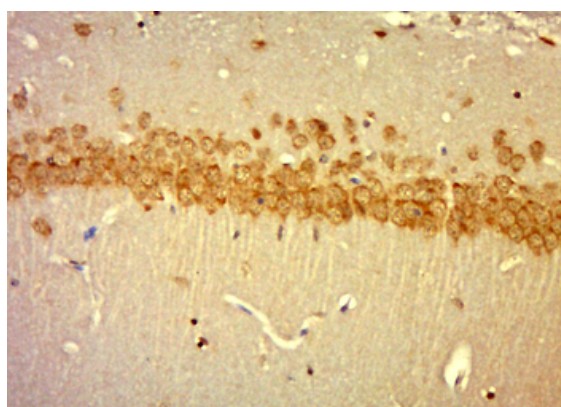
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<b>MW</b>	240 kDa
<b>Tested applications</b>	ELISA, IF, IHC-Fr, IHC-P, WB
<b>Dilution range</b>	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, ELISA=1:5000-10000
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Paraformaldehyde-fixed, paraffin embedded (human kidney tissue), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (laminin) Polyclonal Antibody, Unconjugated (orb10997) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (laminin) Polyclonal Antibody, Unconjugated (orb10997) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.

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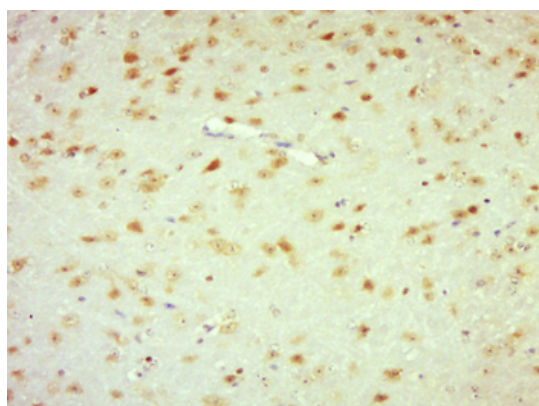
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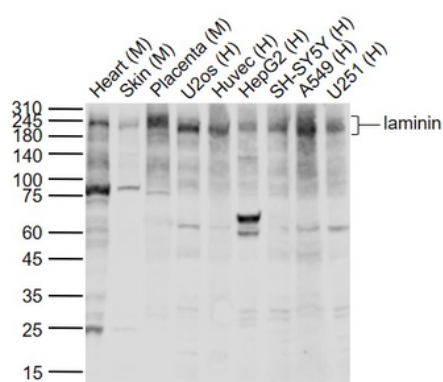
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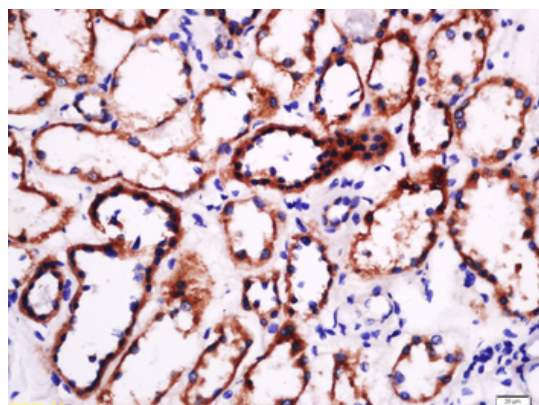
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Paraformaldehyde-fixed, paraffin embedded (Mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (laminin) Polyclonal Antibody, Unconjugated (orb10997) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.



Sample: Lane 1: Heart (Mouse) Lysate at 40 ug, Lane 2: Skin (Mouse) Lysate at 40 ug, Lane 3: Placenta (Mouse) Lysate at 40 ug, Lane 4: U2os (Human) Cell Lysate at 30 ug, Lane 5: Huvec (Human) Cell Lysate at 30 ug, Lane 6: HepG2 (Human) Cell Lysate at 30 ug, Lane 7: SH-SY5Y (Human) Cell Lysate at 30 ug, Lane 8: A549 (Human) Cell Lysate at 30 ug, Lane 9: U251 (Human) Cell Lysate at 30 ug, Primary: Anti-laminin (orb10997) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 220-240 kD, Observed band size: 240 kD.



Tissue/Cell: human kidney tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-laminin Polyclonal Antibody, Unconjugated (orb10997) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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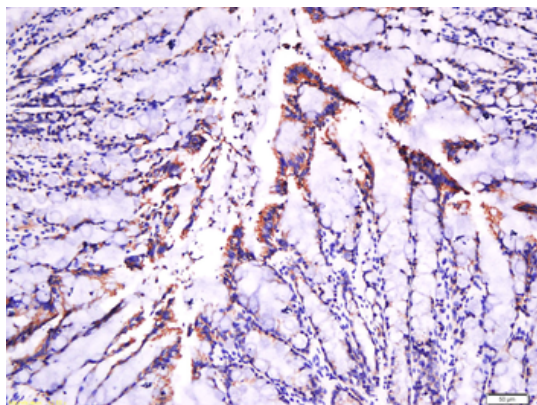
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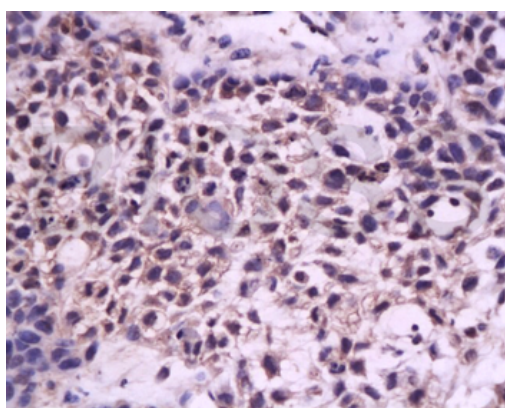
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Tissue/Cell: rat intestine tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-laminin Polyclonal Antibody, Unconjugated (orb10997) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.



Tissue/Cell: Transplantation tumor of In nude mice, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-laminin Polyclonal Antibody, Unconjugated (orb10997) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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