SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-Ecm1 Polyclonal Antibody

Catalog Number: SLA0057

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Ecm1
Immunogen:	KLH conjugated synthetic peptide derived from mouse ECM1
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Mouse
Predicted MW.:	59 kDa
Background:	Extracellular matrix protein 1 (ECM1) This family consists of several eukaryotic extracellular matrix protein 1 (ECM1) sequences. ECM1 has been shown to regulate endochondral bone formation, stimulate the proliferation of endothelial cells and induce angiogenesis. Mutations in the ECM1 gene can cause lipoid proteinosis, a disorder which causes generalised thickening of skin, mucosae and certain viscera. Classical features include beaded eyelid papules and laryngeal infiltration leading to hoarseness.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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[VALIDATION IMAGES]

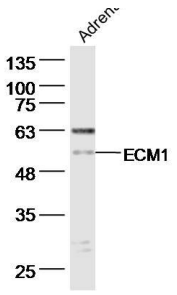


Figure 1. Sample: Adrenal gland (Mouse) Lysate at 40 ug
Primary: Anti-ECM1 (SL10196R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 59 kD
Observed band size: 59 kD

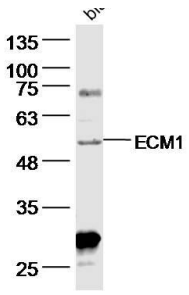


Figure 2. Sample: Bladder (Mouse) Lysate at 40 ug
Primary: Anti-ECM1 (SLA0057) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 59 kD
Observed band size: 59 kD

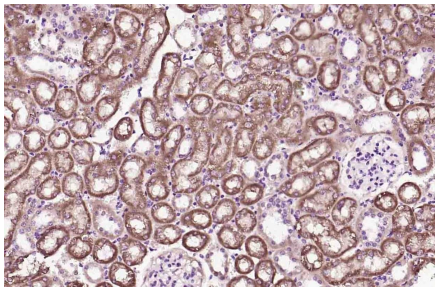


Figure 3. Paraformaldehyde-fixed, paraffin embedded (mouse kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (ECM1) Polyclonal Antibody, Unconjugated (SLA0057) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.
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