

Rabbit anti-Human Laminin Gamma 2 Polyclonal Antibody | anti-LAMC2 antibody

Polyclonal Antibody to Laminin Gamma 2 (LAMC2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142404	Rabbit	Human	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Laminin Gamma 2; Polyclonal Antibody; Polyclonal Antibody to Laminin Gamma 2 (LAMC2); anti-LAMC2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against LAMC2. It has been selected for its ability to recognize LAMC2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	0.68mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-CDCNGKSR QCIFDRELHR QTGNQFRCLN CNDNTDGIHC EKCKNGFYRH RERDRCLPCN CNSKGSLSAR CDNSGRCSCK PGVTGARCDR CLPGFHMLTD AGCTQDQRLD DSKCDCDPAG IAGPCDAGRC VCKPAVTGER CDRCRSGYYN LDGGNPEGCT QCFCYGHSSAS C
Sequence Length	1111
Applicable Applications for anti-LAMC2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	LAMC2 (Cys28~Cys196)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human
Conjugate	No Conjugate
Immunogen	Recombinant LAMC2 (Cys28~Cys196) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type A431 cell lysate; Lane 2: LAMC2 knockout A431 cell lysate; Predicted MW: 121,130kd Observed MW: 120kd Primary Ab: 5ug/ml Rabbit Anti-Human LAMC2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemisry)

DAB staining on fromalin fixed paraffin-embedded Kidney tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Human Lung lysate; Primary Ab: 5ug/ml Rabbit Anti-Human LAMC2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-LAMC2 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157419138
NCBI GeneID	3918
NCBI Accession #	NP_005553.2
NCBI GenBank Nucleotide #	NM_005562.2
UniProt Accession #	Q13753; Q02536; Q02537; Q13752; Q14941; Q14DF7; Q2M1N2; Q5VYE8
Molecular Weight	121,604 Da
NCBI Official Full Name	laminin subunit gamma-2 isoform a
NCBI Official Synonym Full Names	laminin subunit gamma 2
NCBI Official Symbol	LAMC2
NCBI Official Synonym Symbols	B2T; CSF; EBR2; BM600; EBR2A; LAMB2T; LAMNB2
NCBI Protein Information	laminin subunit gamma-2
UniProt Protein Name	Laminin subunit gamma-2
UniProt Gene Name	LAMC2
UniProt Synonym Gene Names	LAMB2T; LAMNB2; CSF 140 kDa subunit

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.