

Rabbit ECM2 Polyclonal Antibody | anti-ECM2 antibody

ECM2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329030	Rabbit	Human, Mouse, Rat Predicted Reactivity: Bovine(88%), Horse(100%), Sheep(88%), Dog(100%), Chicken(86%)	ELISA

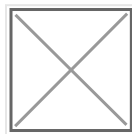
PRODUCT SYNONYMS

ECM2; Polyclonal Antibody; ECM2 Antibody; Ecm2; ECM2_HUMAN; Extracellular matrix protein 2; Matrix glycoprotein SC1/ECM2; MGC126355; MGC126356; anti-ECM2 antibody

PRODUCT SPECIFICATIONS

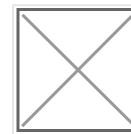
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Bovine(88%), Horse(100%), Sheep(88%), Dog(100%), Chicken(86%)
Clonality	Polyclonal
Isotype	IgG
Specificity	ECM2 Antibody detects endogenous levels of total ECM2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	677
Applicable Applications for anti-ECM2 antibody	ELISA
Immunogen	A synthesized peptide derived from human ECM2, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA329030 at 1/100 staining Human kidney cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA329030 at 1/100 staining Rat kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA329030 at 1/100 staining Human liver cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Human cerebellum, using ECM2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ECM2 antibody

Function: Promotes matrix assembly and cell adhesiveness.

Subcellular Location: Secreted>Extracellular space>Extracellular matrix.

Tissue Specificity: Expressed predominantly in adipose tissue as well as female-specific organs such as mammary gland, ovary, and uterus.

Subunit Structure: Interacts with numerous extracellular matrix proteins (By similarity). Interacts with MSL1 and RASSF1 (By similarity).

Similarity: Belongs to the small leucine-rich proteoglycan (SLRP) family. SLRP class I subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	308818204
NCBI GeneID	1842
NCBI Accession #	NP_001184224.1
NCBI GenBank Nucleotide #	NP_001184224.1
UniProt Accession #	O94769
Molecular Weight	Observed Molecular Weight: (Observed)79kD. Predicted Molecular Weight: (Calculated)80kDa.
NCBI Official Full Name	extracellular matrix protein 2 isoform 2
NCBI Official Synonym Full Names	extracellular matrix protein 2
NCBI Official Symbol	ECM2
NCBI Protein Information	extracellular matrix protein 2
UniProt Protein Name	Extracellular matrix protein 2
UniProt Gene Name	ECM2
UniProt Entry Name	ECM2_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ecm2-antibody-elisa/329030>