

Rabbit ECD Polyclonal Antibody | anti-ECD antibody

Anti-ECD Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255069	Rabbit	Mouse, Cynomolgus, Human Predicted to React with: Pig (Species predicted to react based on 100% sequence homology)	Immunohistochemistry

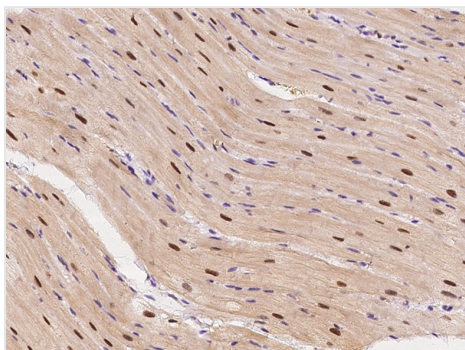
PRODUCT SYNONYMS

ECD; Polyclonal Antibody; Anti-ECD Antibody; Rabbit Polyclonal; ECD/Ecdysoneless homolog Antibody; Rabbit PAb; Antigen Affinity Purified; ecdysoneless cell cycle regulator; Anti-5730461K03Rik Antibody; Anti-Hsqt1 Antibody; anti-ECD antibody

PRODUCT SPECIFICATIONS

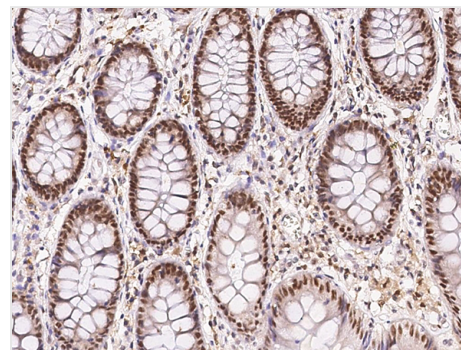
Host	Rabbit
Reactivity	Mouse, Cynomolgus, Human Predicted to React with: Pig (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse ECD
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ECD antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Mouse ECD/Ecdysoneless homolog
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Mouse ECD/Ecdysoneless homolog, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



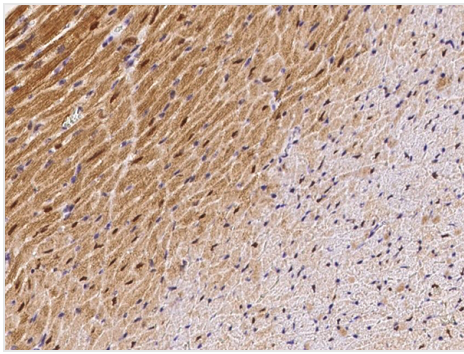
IHC (Immunohistochemistry)

Immunochemical staining ECD in cynomolgus heart with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



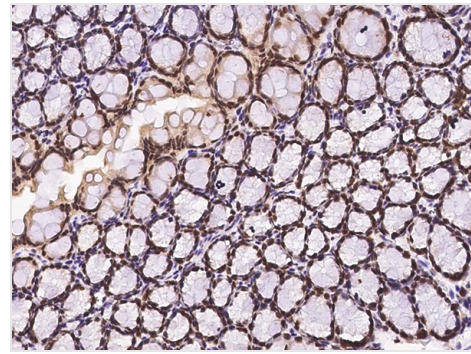
IHC (Immunohistochemistry)

Immunochemical staining ECD in human colon with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining ECD in mouse heart with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining ECD in mouse colon with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-ECD antibody	ECD, also known as ecdysoneless homolog, belongs to the SGT1 family. It is highly expressed in muscle and heart. ECD is a novel promoter of mammalian cell cycle progression. This function is related to its ability to remove the repressive effects of Rb-family tumor suppressors on E2F transcription factors. It is a novel tumor-promoting factor that is differentially expressed in pancreatic cancer and potentially regulates glucose metabolism within cancer cells. ECD may also be a transcriptional activator required for the expression of glycolytic genes.
References	Badzek S. et al., 2011, Wien Klin Wochenschr. 123 (23-24): 726-31. Zhao X. et al., 2012, Breast Cancer Res Treat. 134 (1): 171-80. Dey P. et al., 2012, Clin Cancer Res. 18 (22): 6188-98.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28076957
NCBI GeneID	70601
NCBI Accession #	NP_081751.1
NCBI GenBank Nucleotide #	NM_027475.3
UniProt Accession #	Q9CS74
Molecular Weight	71,710 Da
NCBI Official Full Name	protein SGT1 homolog
NCBI Official Synonym Full Names	ecdysoneless homolog (Drosophila)
NCBI Official Symbol	Ecd
NCBI Official Synonym Symbols	Hsgt1; 5730461K03Rik
NCBI Protein Information	protein SGT1 homolog; suppressor of <i>S. cerevisiae</i> gcr2
UniProt Protein Name	Protein SGT1 homolog
UniProt Gene Name	Ecd
UniProt Synonym Gene Names	Hsgt1; Sgt1
UniProt Entry Name	SGT1_MOUSE

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/ecd-antibody-immunohistochemistry-elisa/255069>