

Mouse anti-Pig Apolipoprotein A1 (APOA1) Monoclonal Antibody | anti-APOA1 antibody

Monoclonal Antibody to Apolipoprotein A1 (APOA1)

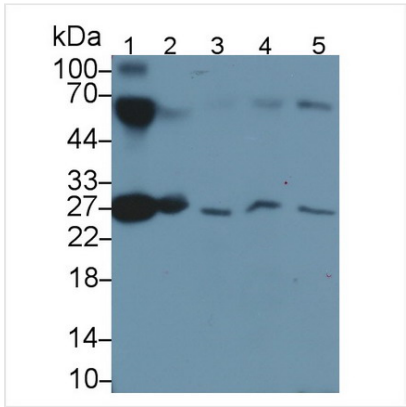
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21221	Mouse	Pig	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

PRODUCT SYNONYMS

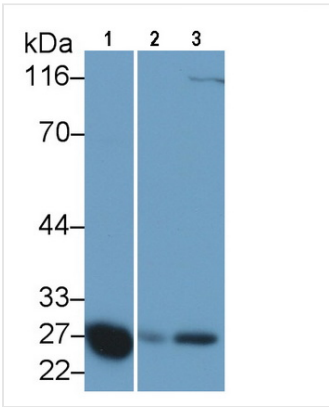
Apolipoprotein A1 (APOA1); Monoclonal Antibody; Monoclonal Antibody to Apolipoprotein A1 (APOA1); Apolipoprotein A1; Apo-A1; ApoA-1 Milano; ProapoA-I; Proapolipoprotein A-I; Truncated apolipoprotein A-I; anti-APOA1 antibody

PRODUCT SPECIFICATIONS

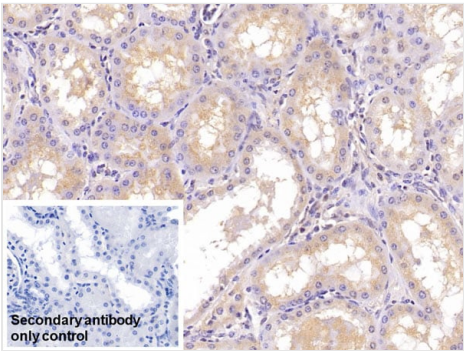
Host	Mouse
Reactivity	Pig
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	C7
Specificity	The antibody is a mouse monoclonal antibody raised against APOA1. It has been selected for its ability to recognize APOA1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Asp25~Gln265
Applicable Applications for anti-APOA1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	WB: 0.02-5ug/mL IHC: 5-50ug/mL ICC: 5-50ug/mL
Immunogen	Recombinant Apolipoprotein A1 (APOA1)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



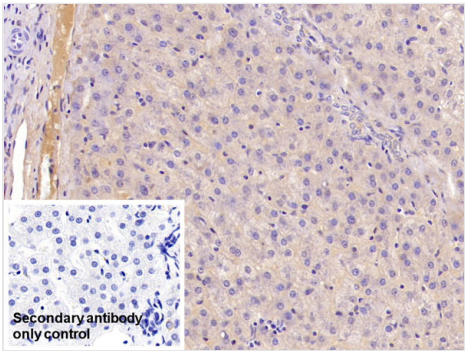
WB (Western Blot)
Western Blot; Sample: Lane1: Porcine Serum; Lane2: Porcine Plasma; Lane3: Porcine Liver lysate; Lane4: Porcine Small intestine lysate; Lane5: Porcine Lung lysate Primary Ab: 1ug/ml Mouse Anti-Porcine APOA1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



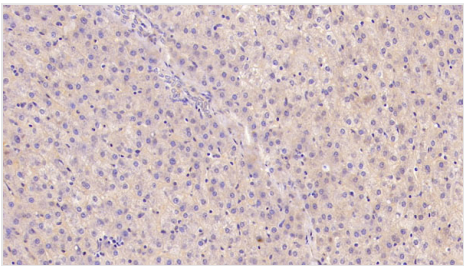
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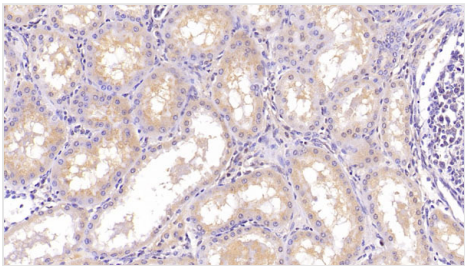
IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: Porcine Kidney Tissue Primary Ab: 40ug/ml Mouse Anti-Porcine APOA1 Antibody Control: Used PBS instead of primary antibody Second Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



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ADDITIONAL INFORMATION

Product Categories/Family for anti-APOA1 antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Metabolic pathway
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47523850
NCBI GeneID	397691

NCBI Accession #	NP_999563.1
NCBI GenBank Nucleotide #	NM_214398.1
UniProt Accession #	P18648
Molecular Weight	30,325 Da
NCBI Official Full Name	apolipoprotein A-I preproprotein
NCBI Official Symbol	APOA1
NCBI Protein Information	apolipoprotein A-I
UniProt Protein Name	Apolipoprotein A-I
UniProt Gene Name	APOA1
UniProt Synonym Gene Names	Apo-AI; ApoA-I; ProapoA-I

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/monoclonal/apolipoprotein-a1-apoa1-antibody-clone-c7-western-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/21221>