

Rabbit APOD / Apolipoprotein D Polyclonal Antibody | anti-APOD antibody

Rabbit Polyclonal to Mouse APOD / Apolipoprotein D

CATALOG # AAA50858	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

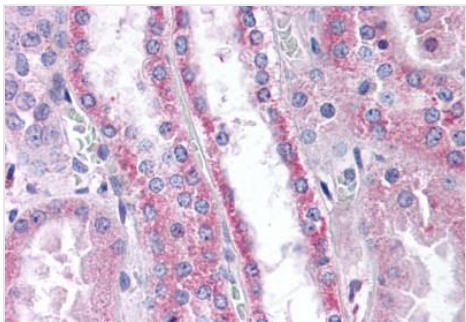
APOD / Apolipoprotein D; Polyclonal Antibody; Rabbit Polyclonal to Mouse APOD / Apolipoprotein D; APOD Antibody; Apo-D Antibody; Apolipoprotein D Antibody; anti-APOD antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Synthetic peptide corresponding to N-terminal residues of mouse APOD(Apolipoprotein D precursor).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.01% sodium azide, 50% glycerol.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	189
Applicable Applications for anti-APOD antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target	Mouse APOD / Apolipoprotein D
Target Species	Mouse
Immunogen Description	Synthetic peptide from mouse APOD / Apolipoprotein D.
Immunogen Type	Synthetic peptide
Immunogen	APOD / Apolipoprotein D antibody was raised against synthetic peptide from mouse APOD / Apolipoprotein D.
Antigen Modification	N-Terminus
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Apply coverslip
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Anti-APOD / Apolipoprotein D antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-APOD antibody	Apolipoprotein D (Apo-D) is a component of high density lipoprotein that has no marked similarity to other apolipoprotein sequences. It has a high degree of homology to plasma retinol-binding protein and other members of the alpha 2 microglobulin protein superfamily of carrier proteins, also known as lipocalins. It is a glycoprotein of estimated molecular weight 33 KDa.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502163
NCBI GeneID	347
NCBI Accession #	NP_001638.1
NCBI GenBank Nucleotide #	NM_001647.3
UniProt Accession #	P05090; Q6IBG6; B2R579; D3DNW6
Molecular Weight	21,276 Da
NCBI Official Full Name	apolipoprotein D
NCBI Official Synonym Full Names	apolipoprotein D
NCBI Official Symbol	APOD
NCBI Protein Information	apolipoprotein D; apo-D
UniProt Protein Name	Apolipoprotein D
UniProt Gene Name	APOD
UniProt Synonym Gene Names	Apo-D; ApoD
UniProt Entry Name	APOD_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.