

Rabbit anti-Human, Mouse APOL4 Polyclonal Antibody | anti-APOL4 antibody

APOL4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324464	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

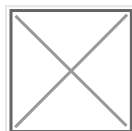
PRODUCT SYNONYMS

APOL4; Polyclonal Antibody; APOL4 Antibody; APOL IV; ApoL-IV; APOL4_HUMAN; Apolipoprotein L IV; Apolipoprotein L-IV; Apolipoprotein L4; APOLIV; CTA 212A2.2; OTTHUMP00000028937; anti-APOL4 antibody

PRODUCT SPECIFICATIONS

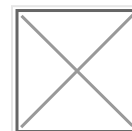
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	APOL4 antibody detects endogenous levels of total APOL4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	348
Applicable Applications for anti-APOL4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted.
Tissue Specificity	Widely expressed; the highest levels are in spinal cord, placenta, adrenal gland; also detected in spleen, bone marrow, uterus, trachea, mammary gland and testis; levels are low in brain, heart and pancreas.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA324464 at 1/100 staining Mouse testis 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 antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from LOVO cells using APOL4 antibody.



IF (Immunofluorescence)

AAA324464 staining LOVO by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-APOL4 antibody

Function: May play a role in lipid exchange and transport throughout the body. May participate in reverse cholesterol transport from peripheral cells to the liver (By similarity).
Similarity: Belongs to the apolipoprotein L family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923626
NCBI GeneID	80832
NCBI Accession #	NP_085146.2
NCBI GenBank Nucleotide #	NM_030643.4
UniProt Accession #	Q9BPW4 ; Q9BQ37 ; Q9BXQ8
Molecular Weight	Observed: 34 kD Predicted: 40 kDa
NCBI Official Full Name	apolipoprotein L4 isoform 1
NCBI Official Synonym Full Names	apolipoprotein L4
NCBI Official Symbol	APOL4
NCBI Official Synonym Symbols	APOLIV; APOL-IV
NCBI Protein Information	apolipoprotein L4
UniProt Protein Name	Apolipoprotein L4
UniProt Gene Name	APOL4
UniProt Synonym Gene Names	ApoL-IV

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/apol4-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324464>