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anti-APOL6 antibody (Middle Region)



Overview



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Quantity:	0.4 mL
Target:	APOL6
Binding Specificity:	AA 133-163, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOL6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	KLH conjugated synthetic peptide between 133-163 amino acids from the Central region of human APOL6
Isotype:	lg Fraction
Specificity:	This antibody reacts to Apolipoprotein L6.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A
Target Details	
Target:	APOL6

Target Details

Alternative Name:	Apolipoprotein L6 / APOL6 (APOL6 Products)	
Background:	This gene is a member of the apolipoprotein L gene family. The encoded protein is found in the cytoplasm, where it may affect the movement of lipids or allow the binding of lipids to organelles. Synonyms: ApoL-VI, Apolipoprotein L-VI	
Gene ID:	80830	
NCBI Accession:	NP_085144	

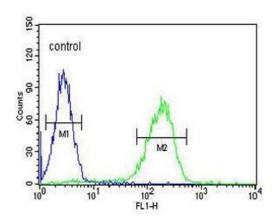
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

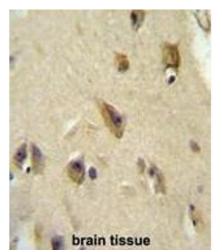
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) sodium azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

K562



Flow Cytometry

Image 1. APOL6 Antibody (Center) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. APOL6 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the APOL6 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

K562 95 72 55 **■** 36 - ◀ 28

Western Blotting

Image 3. APOL6 Antibody (Center) western blot analysis in K562 cell line lysates (35µg/lane). This demonstrates the APOL6 antibody detected the APOL6 protein (arrow).