

ACAT2 Polyclonal Antibody

Catalog NumberPA1-24413

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	2-10 µg/mL
Type	Antibody	Western Blot (WB)	0.2-2.5 µg/mL
Immunogen	Synthetic peptide corresponding to a region of human ACAT2	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

**Product specific information**

Recommended positive controls: K562. Predicted reactivity: Cow: 79%; Dog: 86%; Guinea Pig: 79%; Horse: 86%; Mouse: 79%; Rat: 79%; Yeast: 82%. Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

**Background/Target Information**

This gene represents a member of the 'frizzled' gene family, which encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The protein encoded by this family member contains a signal peptide, a cysteine-rich domain in the N-terminal extracellular region, and seven transmembrane domains, but unlike other family members, this protein does not contain a C-terminal PDZ domain-binding motif. This protein functions as a negative regulator of the canonical Wnt/beta-catenin signaling cascade, thereby inhibiting the processes that trigger oncogenic transformation, cell proliferation, and inhibition of apoptosis. Alternative splicing results in multiple transcript variants.

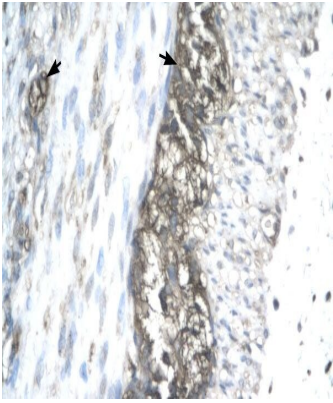
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Product Images For ACAT2 Polyclonal Antibody



ACAT2 Antibody (PA1-24413) in IHC (P)

Immunohistochemistry (Paraffin) analysis of ACAT2 in human stomach tissue using ACAT2 Polyclonal Antibody (Product # PA1-24413) at a dilution of 4.0-8.0 µg/mL.



ACAT2 Antibody (PA1-24413) in WB

Western Blot analysis of ACAT2 was performed by loading K562 cells. Proteins were transferred to a membrane and probed with a ACAT2 Polyclonal Antibody (Product # PA1-24413) at a dilution of 2.0 µg/mL.

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