

ORM1 Polyclonal Antibody

Catalog NumberPA1-28103

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Goat / IgG	Tested Applications	
Class	Polyclonal	Dilution *	
Type	Antibody	Immunoprecipitation (IP)	
Immunogen	purified human alpha-1-acid glycoprotein	Assay-dependent	
Conjugate	Unconjugated	<div>* 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.</div>	
Form	Liquid		
Concentration	Conc. Not Determined		
Storage buffer	whole serum		
Contains	15mM sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

PA1-28103 detects alpha 1 Acid Glycoprotein from human samples.

Background/Target Information

ORM1 is an acute phase plasma protein synthesized by the liver. The protein is believed to regulate the interaction between blood cells and endothelial cells, and together with haptoglobin and C reactive protein, also regulates the extravasation of the cells during infection and inflammation. ORM1 is a major acute phase reactant, both in human and in rat. In human plasma, ORM1 (44 kDa) is found at levels of 0.5-1.4 mg/mL. Its concentration in blood plasma is elevated during acute inflammation, such as trauma, malignancies, myocardial infarction, rheumatoid arthritis, bacterial infections, after major surgery, in cases of chronic pain etc, and can be used for the diagnosis of inflammatory conditions.

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