

Anti-Thrombin Activation peptide fragment 1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,GuineaPig)
Molecular Weight:	Theoretical: 17/64 kDa. Actual: 17/64 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample:
	Placenta (Mouse) Lysate at 40 µg
	Embryo (Mouse) Lysate at 40 µg
	Liver (Mouse) Lysate at 40 µg
	Primary: Anti-Thrombin Activation peptide fragment 1 (TMAB-13518) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 17/64 kD
	Observed band size: 17/64 kD
	2. Sample:
	Uterus (Mouse) Lysate at 40 µg
Kidney (Rat) Lysate at 40 µg	
Primary: Anti-Thrombin Activation peptide fragment 1 (TMAB-13518) at 1/1000 dilution	
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution	
Predicted band size: 17/64 kD	
Observed band size: 64 kD	
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Thrombin Activation peptide fragment 1
Antigen Species:	Human
Gene ID:	2147
Uniprot ID:	P00734

Research Background

Des-gamma carboxyprothrombin (DCP), also known as protein induced by vitamin K absence/antagonist-II (PIVKA-II), is an abnormal form of the coagulation protein, prothrombin. Normally, the prothrombin precursor undergoes post-translational carboxylation (addition of a carboxylic acid group) by gamma-glutamyl carboxylase in the liver prior to secretion into plasma. DCP/PIVKA-II may be detected in people with deficiency of vitamin K (due to poor

nutrition or malabsorption) and in those taking warfarin or other medication that inhibits the action of vitamin K.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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