

## Thrombin Activation peptide fragment 1 Rabbit pAb

Catalog Number: bs-10387R

Target Protein: Thrombin Activation peptide fragment 1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Mouse, Rat (predicted:Human, GuineaPig)

Predicted MW: 17/64 kDa

Entrez Gene: 2147

Swiss Prot: P00734

Source: KLH conjugated synthetic peptide derived from human Thrombin Activation peptide fragment 1: 51-150/622.

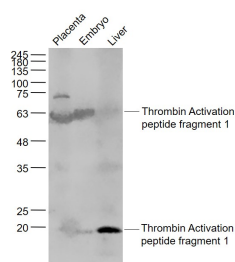
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

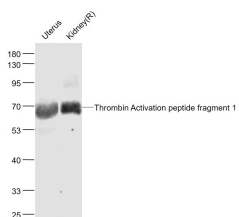
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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.

### VALIDATION IMAGES



Sample: Placenta (Mouse) Lysate at 40 ug Embryo(Mouse) Lysate at 40 ug Liver (Mouse) Lysate at 40 ug  
Primary: Anti-Thrombin Activation peptide fragment 1 (bs-10387R) 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



Sample: Uterus (Mouse) Lysate at 40 ug Kidney (Rat) Lysate at 40 ug Primary: Anti- Thrombin Activation peptide fragment 1 (bs-10387R) 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