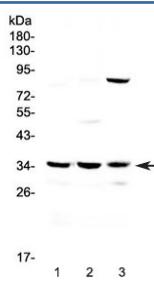


## Bikunin Antibody / AMBP (RQ4663)

Catalog No.	Formulation	Size
RQ4663	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	P02760
<b>Localization</b>	Secreted
<b>Applications</b>	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml (human recombinant protein)
<b>Limitations</b>	This Bikunin antibody is available for research use only.



Western blot testing of 1) rat liver, 2) mouse liver and 3) mouse NIH3T3 lysate with Bikunin antibody at 0.5ug/ml. Expected molecular weight: 16/35-45 kDa (unglycosylated/glycosylated Bikunin), ~39 kDa (uncleaved AMBP).

## Description

Protein AMBP is a protein that in humans is encoded by the AMBP gene. This gene encodes a complex glycoprotein secreted in plasma. The precursor is proteolytically processed into distinct functioning proteins: alpha-1-microglobulin, which belongs to the superfamily of lipocalin transport proteins and may play a role in the regulation of inflammatory processes, and Bikunin, which is a urinary trypsin inhibitor belonging to the superfamily of Kunitz-type protease inhibitors.

and plays an important role in many physiological and pathological processes. This gene is located on chromosome 9 in a cluster of lipocalin genes.

## Application Notes

Optimal dilution of the Bikunin antibody should be determined by the researcher.

## Immunogen

A recombinant human protein corresponding to amino acids A206-N352 was used as the immunogen for the Bikunin antibody.

## Storage

After reconstitution, the Bikunin antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.