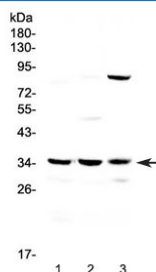


Bikunin Antibody / AMBP (RQ4663)

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

Bulk quote request

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