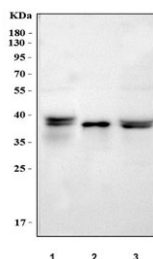


## Ambp Antibody / Alpha 1 microglobulin (RQ8292)

Catalog No.	Formulation	Size
RQ8292	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>	Mouse, Rat
<b>Format</b>	Antigen affinity purified
<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
<b>UniProt</b>	Q07456
<b>Applications</b>	Western Blot : 0.5-1ug/ml ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This Ambp antibody is available for research use only.



Western blot testing of 1) rat liver, 2) mouse kidney and 3) mouse liver tissue lysate with Ambp antibody. Predicted molecular weight: 26-28 kDa (Alpha 1 microglobulin), ~39 kDa (uncleaved AMBP). These proteins may be observed at higher molecular weights due to glycosylation.

## Description

Protein AMBP is a protein that in humans is encoded by the AMBP gene. This gene encodes a fusion protein that undergoes proteolytic processing to generate two mature proteins: alpha-1-microglobulin (A1m) is a heme-binding plasma glycoprotein of the lipocalin superfamily of proteins that bind to hydrophobic molecules, whereas bikunin belongs to the superfamily of Kunitz-type protease inhibitors. The transgenic mice specifically lacking bikunin, but not A1m, exhibit female infertility and an increased sensitivity to lung metastasis.

## Application Notes

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

## Immunogen

An E.coli-derived mouse recombinant protein (A205-S349) was used as the immunogen for the Ambp antibody.

## Storage

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