

## Product Datasheet

### AMBP antibody (orb303206)

**Description**

Rabbit polyclonal antibody to AMBP

**Species/Host**

Rabbit

**Reactivity**

Human

**Conjugation**

Unconjugated

**Tested**

ELISA, WB

**Applications**
**Immunogen**

human recombinant bikunin, UniProt: P02760, cleavage product no. PRO\_0000017887

**Form/Appearance**

Lyophilized

**Storage**

Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

**Note**

For research use only

**Application notes**

Bikunin is a Kunitz-type protease inhibitor synthesized in the liver. The AMBP gene resides in the lipocalin cluster and encodes alpha-1-microglobulin together with a Kunitz-type proteinase inhibitor, bikunin. The gene is translated into the alpha-1-microglobulin-bikunin precursor, which is subsequently cleaved and the two proteins are secreted to the blood separately. Bikunin is found in blood and tissues both in free form and associated with heavy chains forming the inter-alpha-inhibitor family of proteins. Bikunin is a protease inhibitor, a component of extracellular matrix and exhibits anti-inflammatory activity in protection against cancer and inflammation.

**Clonality**

Polyclonal

**Purity**

Serum

**MW**

free bikunin 60-80 kDa

**Uniprot ID**
**P02760**
**Dilution Range**

WB: 1: 2000, ELISA: 1: 2000

**Expiration Date**

12 months from date of receipt.