

German Research Products - GRP GmbH

In der Stockwiese 26

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Product Datasheet

AMBP - Bikunin (mice) GRP12187

Species/Host Rabbit

Reactivity Mouse

Predicted Reactivity Rat

Tested Applications ELISA, WB, IHC

Immunogen Recombinant mouse bikunin purified from baculovirus infected

insect cell cultures

Form/Appearance Lyophilized

Storage Store lyophilized/reconstituted at -20°C; once reconstituted make

aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or

sides of the tubes.

Note For research use only.

Clonality Polyclonal

Purity Serum

MW Free bikunin appears as a smear between 60-80 kDa, because the

protein core carries sulfated proteoglycans. The most common bikunin complexes are called pre-alpha-inhibitor (PaI) and inter-alpha-inhibitor (IaI) and appears as approximately 120 and

180 kDa.

Dilution Range 1 : 2000 (ELISA), Assay dependent dilution (IHC)

Application Notes Additional Information: This antibody is also reacting with the AMBP precursor.

Background: 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 exhibits anti-inflammatory activity in protection against cancer and inflammation. Reconstitution: For reconstitution add 200 µl of sterile water.

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