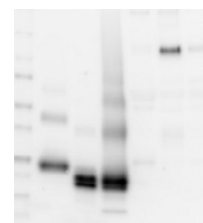


Product Datasheet

AMBP - Bikunin GRP12186

Species/Host	Rabbit
Reactivity	Rat
Predicted Reactivity	Mouse
Tested Applications	ELISA, WB, IHC
Immunogen	Recombinant rat 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), 1 : 2000 (WB)



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