

Product datasheet for **BP631P**

Alpha 1 microglobulin (AMBP) Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, ID
Recommended Dilution:	ELISA: 1/500-1/1000. Immunodiffusion.
Reactivity:	Human
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Highly pure human alpha-1-microglobulin, prepared from the urine of patients with chronic renal proteinuria (Molecular Weight 25-30 kD).
Specificity:	This antibody recognises human alpha-1-microglobulin. No cross-reactivity is observed with urine Albumin, Retinol binding protein or beta-2-Microglobulin. It does NOT react with Rat.
Formulation:	PBS containing 0.09% Sodium Azide as preservative State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	alpha-1-microglobulin/bikunin precursor
Database Link:	Entrez Gene 259 Human P02760



[View online »](#)

Background:

Alpha(1)microglobulin/bikunin precursor specifically interacts with the ORF3 protein of hepatitis E virus and has a direct role in enhancing alpha(1)microglobulin export from the hepatocyte. Bikunin has a role in downregulating PI3 kinase and suppressing tumor invasiveness and metastasis in ovarian cancer cells. I-alpha-I plasma protease inhibitors are assembled from one or two heavy chains (H1, H2 or H3) and one light chain, bikunin. Inter-alpha-inhibitor (I-alpha-I) is composed of H1, H2 and bikunin, inter-alpha-like inhibitor (I-alpha-LI) of H2 and bikunin, and pre-alpha-inhibitor (P-alpha-I) of H3 and bikunin. Interacts with FN1

Synonyms:

Alpha-1-microglobulin, HCP, Inter-alpha-trypsin inhibitor light chain, ITI-LC, ITIL, Bikunin, HI-30, EDC1, Trypstatin