

## Sheep antibody to Ancient ubiquitous protein 1 (48-60): whole serum

<b>Catalogue No.:</b>	S-035-100
<b>Description:</b>	AUP1 contains a domain with homology to the ancient conserved region of the archain 1 gene and a domain that may be involved in binding ubiquitin-conjugating enzymes. The unprocessed precursor is of 476 amino acids in length and has an estimated molecular weight of 53 kDa. ALTERNATIVE PRODUCTS: 2 named isoforms produced by alternative splicing. TISSUE SPECIFICITY: Ubiquitous. SIMILARITY: Belongs to the AUP1 family. SIMILARITY: Contains 1 CUE domain.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 uL
<b>Antigen:</b>	A synthetic peptide (HVFLVSCALPDSV) corresponding to the amino acids 48-60 of human ancient ubiquitous protein 1 conjugated to Blue carrier protein has been used as the immunogen. The peptide is homologous with the corresponding sequence derived from bovine, mouse and rat.
<b>Other Names:</b>	AUP1
<b>Accession:</b>	AUP1_HUMAN AUP1_BOVIN AUP1_MOUSE AUP1_RAT
<b>Produced in:</b>	Sheep
<b>Purity:</b>	Whole serum
<b>Applications:</b>	IHC, WB. Use at a dilution of 1:500 to 1:6000. This antiserum works superbly in both paraffin embedded and frozen tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	This antiserum is specific for ancient ubiquitous protein 1.
<b>Cross-reactivity:</b>	This antibody is known to react with bovine, sheep, human and rat ancient ubiquitous protein 1. Other species have not yet been tested.
<b>Form:</b>	Lyophilised
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	After reconstitution keep aliquots at -20C for a higher stability, and at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for an additional stability. Avoid repetitive freeze/thaw cycles.
<b>Expiry Date:</b>	12 months after purchase
<b>References:</b>	1. Wilkinson, K.D. et al. J. Biol. Chem. 256, 9235-9241, (1981) 2. Schwartz, A.L. et al. Annu. Rev. Med. 50, 57-74, (1999) 3. Coux, O., et al. Annu. Rev. Biochem. 65, 801-847, (1996) 4. Strausberg R.L, et al. Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002). 5. Jang W, et al. Genomics 36:366-368(1996).

---

FOR RESEARCH USE ONLY

## **Sheep antibody to Ancient ubiquitous protein 1 (48-60): whole serum**

6. Shibata K, et al. Genome Res. 10:1757-1771(2000).
7. Carninci P, et al. Genome Res. 10:1617-1630(2000).
8. Kawai J, et al. Nature 409:685-690(2001).
9. Okazaki Y, et al. Nature 420:563-573(2002).
10. Carninci P, et al. Science 309:1559-1563(2005).

biosensis

---

FOR RESEARCH USE ONLY

---