



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

Catalogue No.:	S-035-100
Description:	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.
Batch No.:	See product label
Unit size:	100 uL
Antigen:	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.
Other Names:	AUP1
Accession:	AUP1_HUMAN AUP1_BOVIN AUP1_MOUSE AUP1_RAT
Produced in:	Sheep
Purity:	Whole serum
Applications:	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.
Specificity:	This antiserum is specific for ancient ubiquitous protein 1.
Cross-reactivity:	This antibody is known to react with bovine, sheep, human and rat ancient ubiquitous protein 1. Other species have not yet been tested.
Form:	Lyophilised
Reconstitution:	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	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.
Expiry Date:	12 months after purchase
References:	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).

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