Antibodies

Data Sheet

GLYPICAN-4 (aa 509-520)

ANTIBODY, POLYCLONAL

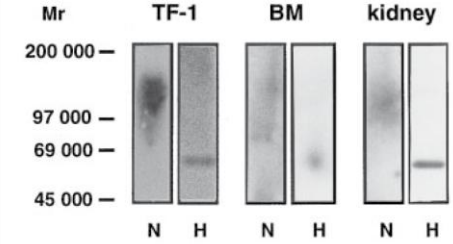

Figure 1: Western Blot analysis of Glypican-4 expression in tissues and cell lines. Proteoglycans from the cell or tissue extracts were separated by SDS-PAGE either prior to (N) or after (H) digestion with heparinase/heparitinase. Immunoblotting with AH1008 detects native Glypican-4 in the range of 90-200 kDa, the size of the core protein was approx. 57 kDa. *TF-1*, human haematopoietic-progenitor cell line; *BM*, bone marrow; *Mr*, molecular mass.

Siebertz B et al. (1999) Biochem J 344:937-943

Catalog no.:	AH1010.1 / AH1010.2
Immunogen:	Synthetic glypican-4 (aa 509-520) coupled to KLH (FEFDYNATDHAG)
Synonyms:	K-glypican
Swiss-Prot No:	O75487
Gene Information:	Gene Name: GPC4 GeneID: 2239
Host:	Rabbit
Matrix:	Serum
Specificity:	Human glypican-4, mouse glypican-4
Contents:	20 µl / 100 µl (lyophilized) Resuspend in 20 µl / 100 µl aqua bidest.
Known applications:	Western Blot (1:1000)[1], flowcytometry[1], immunohistochemistry (paraffin sections, 1:1000)[1] This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only. We suggest that the applicant titrates the antibody in his/her system using appropriate negative/positive controls.
Store at:	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided
References:	1. Siebertz B, Drzeniek Z, Stöcker G, Just U, Handt S, Haubeck HD (1999). Expression of glypican-4 in haematopoietic progenitor and bone marrow stromal cells. *Biochem J* **344**: 937-43.
Last updated on:	11 August 2016

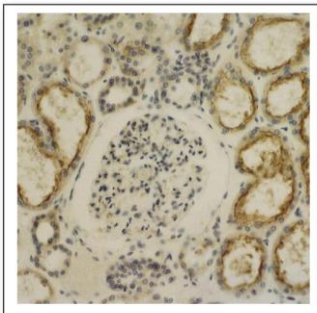

Figure 2: Immunohistochemistry image of Glypican-4 staining in sections of human kidney tissue. The section was incubated with AH1010 and detected using a peroxidase-conjugated secondary antibody according to standard procedures. In the cortex AH1010 stains weakly the glomeruli, while the luminal surface of epithelial cells in the proximal tubules stained strongly. Original magnification: x1280.

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For research use only

Publishing research using AH1010? Please let us know so that we can cite your publication as a reference.

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