

Data Sheet

GLYPICAN-4 (aa 509-520)

ANTIBODY, POLYCLONAL

Catalog no.: AH1010.1 / AH1010.2

Immunogen: Synthetic glypican-4 (aa 509-520) coupled

to KLH (FEFDYNATDHAG)

Synonyms: K-glypican

Swiss-Prot No: 075487

Gene Information: Gene Name: GPC4

GenelD: 2239

Host: Rabbit

Matrix: Serum

Specificity: Human WB, IHC-p, mouse glypican-4

Contents: 20 μl / 100 μl (lyophilized)

Resuspend in 20 μl / 100 μl aqua bidest.

Known applications: Western Blot (1:1000)¹, flowcytometry¹,

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: 27 April 2022

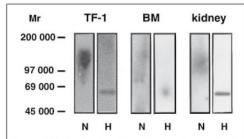


Figure 1: Western Blot analysis of Glypican-4 expression in tissues and cell lines. Proteoglycans from the cell or tissue extracts were separated by SDS-PAGE either prior to (N) or after (H) digestion with heparinase/heparitinase. Immunoblotting with AH1008 detects native Glypican-4 in the range of 90-200 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

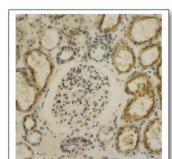


Figure 2: Immunohistochemistry image of Glypican-4 staining in sections of human kidney tissue. The section was incubated with AH1010 and detected using a peroxidase-conjugated secondary antibody according to standard procedures. In the cortex AH1010 stains weakly the glomeruli, while the luminal surface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

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

For research use only

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