

## Product datasheet for **AP02027SU-S**

### Glypican 4 (GPC4) (220-233) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>Western blot</b> (1/500-1/1000). <b>Immunohistochemistry</b> (1/1000).
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic Glypican-4 peptide (aa220-233) coupled to KLH.
Specificity:	Specific for a core protein epitope (aa. 220-233) of Human Glypican-4. Although the antiserum was prepared against a peptide from Human Glypican-4, due to the highly conserved structure and sequence of Glypican-4, it might react also with Glypican-4 from other species, like Mouse.
Formulation:	State: Serum State: Lyophilized serum
Reconstitution Method:	Restore in aqua bidest to initial volume.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	glypican 4
Database Link:	<a href="#">Entrez Gene 2239 Human O75487</a>



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**Background:**

Glypican-4, previously known as K-glypican, is a GPI-linked cell surface heparan sulfate proteoglycan of the glypican gene family, that comprises 6 members at present. Its function is only partially understood at present. However, glypican-4 seems to be involved in the control of cell growth and differentiation, especially in the development of the central nervous system and the kidney. Furthermore, glypican-4 is expressed by hematopoietic stem cells and bone marrow stromal cells.

**Synonyms:**

Glypican 4, K-glypican