

Nur für Forschungszwecke

Glypican 3 Polyklonaler Antikörper

Katalog-Nr.: 11145-1-AP

3 Publikationen



Allgemeine Informationen

| | | |
|---|--|--|
| Katalog-Nr.: 11145-1-AP | GenBank-Zugangsnummer: BC035972 | Reinigungsmethode: Antigen-Affinitätsreinigung |
| Größe: 150ul, Konzentration: 300 µg/ml durch die Bradford-Methode mit BSA als Standard; | GeneID (NCBI): 2719 | |
| Wirt: Kaninchen | Vollständiger Name: glypican 3 | |
| Isotyp: IgG | Berechnete Masse: 580 aa, 66 kDa | |
| Immunogen Katalognummer: AG1433 | Beobachtete Masse: 66 kDa | |

Anwendungen

Geprüfte Anwendungen:
ELISA

In Publikationen genannte Anwendungen:
WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human, Ratte

Hintergrundinformationen

Glypicans (GPCs) are a family of glycosylphosphatidylinositol (GPI)-anchored heparan sulphate proteoglycans (HSPGs) that may play a role in the control of cell division and growth regulation. In mammals, there are six GPCs (GPC1 to GPC6), all of which have a similar core-protein size of approx. 60 kDa and the clustering of glycosaminoglycan attachment site near the C-terminus. They are tethered to the cell surface by GPI linkages, which can be cleaved by endogenous phospholipases, thus releasing the protein. Glypican 3 (GPC3) is highly expressed in many tissues during development and plays an important role in the regulation of embryonic growth (PMID: 22467855). Loss-of-function mutations of GPC3 result in the Simpson-Golabi-Behmel overgrowth syndrome (SGBS), and Gpc-3 null mice display developmental overgrowth (PMID: 8589713; 18477453). In hepatocellular carcinoma (HCC), the overexpression of GPC3 has been demonstrated to be a reliable diagnostic indicator (PMID: 19212669; 22706665).

Bemerkenswerte Veröffentlichungen

| Verfasser | Pubmed ID | Journal | Anwendung |
|-------------|-----------|----------------------|-----------|
| Xin-Hui Qi | 25270552 | Mol Med Rep | WB |
| Yanqiu Wang | 31546235 | Aging (Albany NY) | WB |
| Zhenyu Wang | 29073605 | Cell Physiol Biochem | WB |

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

