Glypican-3 (GPC3). Sheep Polyclonal Antibody
GPC3, GPC-3, OCI5, OCI-5, GTR2-2, MXR7

**BACKGROUND**

Glypican-3 encodes a putative extracellular proteoglycan that is inferred to play an important role in growth control in embryonic mesodermal tissues in which it is selectively expressed. It appears to form a complex with insulin-like growth factor and hence modulate IGF2 action. Glypican-3 is the human homolog of OCI-5, a GPI-linked proteoglycan first isolated from rat intestine. Originally identified as the molecular basis for Simpson-Golabi-Behmel syndrome (SGBS) also called Simpson dysmorphia syndrome (SDYS).

**IMMUNOGEN**

C terminal recombinant protein (~70aa) which does not overlap with clone 1G12 epitope

Immunohistochemical staining using GPC3 antibody (Cat. No. X2395P) on human hepatocellular carcinoma tissue. Antibody used at 10 µg/ml. Secondary antibody, HRP conjugated mouse anti-sheep (Cat. No. X1206M), used at 1:20 dilution. Sections heated for 10 minutes with 10 mM sodium citrate.

**ORDERING INFORMATION**

**CATALOG NUMBER**

X2395P

**SIZE**

500 µg

**FORM**

Unconjugated

**HOST/CLONE**

Sheep

**FORMULATION**

Provided as solution in phosphate buffered saline with 0.08% sodium azide

**CONCENTRATION**

See vial for concentration

**ISOTYPE**

IgG

**APPLICATIONS**

IHC (paraffin), WB

**SPECIES REACTIVITY**

Human

**ACCESSION NUMBER**

Human P51654
Antibody can be used for immunohistochemistry on paraffin-embedded tissues (10 µg/ml) and Western blotting (5-10 µg/ml). Optimal concentration should be evaluated by serial dilutions.

**PURIFICATION**

Total IgG

**SHIP CONDITIONS**

Ship at ambient temperature, freeze upon arrival

**STORAGE CUSTOMER**

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

**STABILITY**

Products are stable for one year from purchase when stored properly

**REFERENCES**


