anti-Human Sulf 2

Affinity-purified Rabbit Polyclonal Antibody

BACKGROUND
Sulf-2 exhibits arylsulfatase activity and highly specific endoglucosamine-6-sulfatase activity. It can remove sulfate from the C-6 position of glucosamine within specific subregions of intact heparin. Mammalian Suls are endoproteolytically processed and secreted into the extracellular space of transfected cells, where they exhibit both arylsulfatase activity and highly specific endoglucosamine-6-sulfatase activity against intact heparin. Though the molecular weight of full length human Sulf2 is 100455 Da (870 amino acids), the endogenous Sulf2 is found by western blot to be present at molecular weights of 24.4, 33.7 and 51-60 kDa. Higher molecular weight species may be found depending on tissue and/or cell type.

Analysis of human tumor tissue and tumor cell lines suggests that HSulf-1 is misregulated in cancers. HSulf-1 is found in a variety of normal tissues but is down-regulated in tumor cell lines originating from ovarian, breast, pancreatic, renal, and hepatocellular carcinoma.

IMMUNOGEN
Synthetic peptide derived from the human Sulf2 protein.

SHIP CONDITIONS
Ship on dry ice, freeze upon arrival.

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

STABILITY
Products are stable for one (1) year from purchase when stored properly.

References:

For research use only