

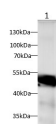
SEPP1 Polyclonal Antibody

catalog number: D-AB-10379L

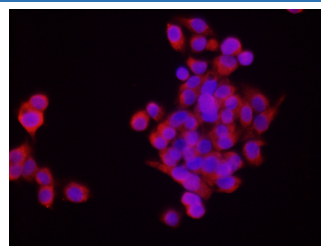
Note: Centrifuge before opening to ensure complete recovery of vial contents.

| Description | |
|--------------|--|
| Reactivity | Human;Rat |
| Immunogen | Recombinant Human SEPP1 protein expressed by E.coli |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Antigen Affinity Purification |
| Conjugation | Unconjugated |
| Buffer | PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4 |
| Applications | Recommended Dilution |
| WB | 1:500-1:1000 |
| IF | 1:50-1:200 |

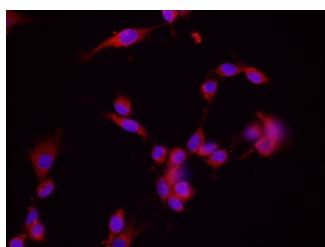
Data



Western blot with SEPP1 Polyclonal antibody at dilution of 1:1000. lane 1: human serum
Observed-MW:50 kDa
Calculated-MW:43 kDa



Immunofluorescence analysis of HepG2 cells using SEPP1 Polyclonal Antibody at dilution of 1:200



Immunofluorescence analysis of C6 cells using SEPP1 Polyclonal Antibody at dilution of 1:200

| Preparation & Storage | |
|-----------------------|--|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

Background

Selenoprotein P (SeP) is an extracellular, monomeric glycoprotein containing up to 10 selenocysteine residues in the polypeptide chain. It is ubiquitously expressed in mammalian tissues, and in human plasma it accounts for at least 40% of the total selenium concentration. SeP binds to heparin and cell membranes, and is associated with endothelial cells. SeP in human plasma protects against peroxynitrite-mediated oxidation and reduces phospholipid hydroperoxide in vitro, in accordance with the presumption that it has a function as an extracellular oxidant defense. Immunochemical assays have demonstrated that its concentration in plasma varies much with selenium intake, but other factors also have an influence