

Anti-MTP1(Metal transporter protein 1) Polyclonal Antibody

Cat. #: 60B807

Description:

MTP1(Metal transporter protein 1) may be involved in iron export from duodenal epithelial cell and also in transfer of iron between maternal and fetal circulation. MTP1 mediates iron efflux in the presence of a ferroxidase(hephaestin and/or ceruloplasmin). MTP1 is an integral membrane protein and is localized to the basolateral membrane of polarized epithelial cells. MTP1 has high expression in spleen, liver, kidney, heart and duodenum.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human MTP1(Metal transporter protein 1)

References

Abboud,S. and Haile,D.J., J. Biol. Chem. 275 (26), 19906-19912 (2000)
Donovan,A., et al, Nature 403 (6771), 776-781 (2000)
McKie,A.T., et al, Mol. Cell 5 (2), 299-309 (2000)

Clone Number:

Isotype:

Species: Human

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)