

Anti-Human/Mouse/Rat CHP1 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA02786

3th Edition

Description: This gene encodes a phosphoprotein that binds to the Na⁺/H⁺ exchanger NHE1. This protein serves as an essential cofactor which supports the physiological activity of NHE family members and may play a role in the mitogenic regulation of NHE1. The protein shares similarity with calcineurin B and calmodulin and it is also known to be an endogenous inhibitor of calcineurin activity. CHP1 (Calcineurin Like EF-Hand Protein 1) is a Protein Coding gene. Among its related pathways are Role of Calcineurin-dependent NFAT signaling in lymphocytes and Calcineurin-regulated NFAT-dependent transcription in lymphocytes. GO annotations related to this gene include calcium ion binding and microtubule binding. An important paralog of this gene is CHP2.

Antigen: Synthesized peptide derived from the Internal region of human CHP.

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Ubiquitously expressed. Has been found in fetal eye, lung, liver, muscle, heart, kidney, thymus and spleen.