

## **Product datasheet for TA374758**

### OriGene Technologies, Inc.

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# Calcium binding protein P22 (CHP1) Rabbit Polyclonal Antibody

#### **Product data:**

**Product Type:** Primary Antibodies

**Applications:** ICC/IF, WB

Recommended Dilution: WB,1:500 - 1:2000

IF,1:50 - 1:200

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1-195 of

human CHP1 (NP\_009167.1).

**Formulation:** Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

**Concentration:** lot specific

**Purification:** Affinity purification

Conjugation: Unconjugated

Store at -20°C. Avoid freeze / thaw cycles.

**Stability:** Shelf life: one year from despatch.

**Predicted Protein Size:** 22kDa

**Gene Name:** calcineurin like EF-hand protein 1

Database Link: Entrez Gene 11261 Human

Q99653

**Background:** 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

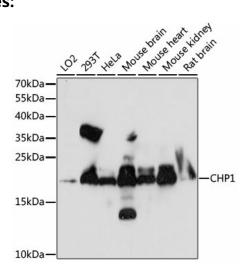
inhibitor of calcineurin activity.

**Synonyms:** 1500003O03Rik; AA960066; Al046351; Cahp; Chp; p24; RP23-22A15.1; Sid470p

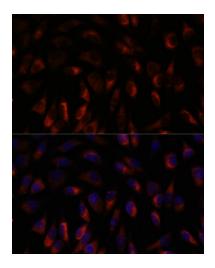




## **Product images:**

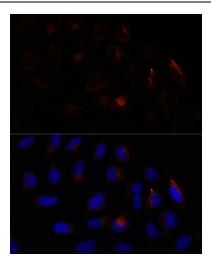


Western blot analysis of extracts of various cell lines, using CHP1 antibody (TA374758) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Enhanced Kit. | Exposure time: 90s.



Immunofluorescence analysis of L929 cells using CHP1 antibody (TA374758) at dilution of 1:100. Blue: DAPI for nuclear staining.





Immunofluorescence analysis of U-2 OS cells using CHP1 antibody (TA374758) at dilution of 1:100. Blue: DAPI for nuclear staining.