

## CCHL (R104) polyclonal antibody

Catalog: BS3019

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

CCHL (cytochrome c-type heme lyase), also known as HCCS (holocytochrome c-type synthase), is a 268 amino acid mitochondrial inner membrane protein that belongs to the cytochrome c-type heme lyase family. Containing two HRM (heme regulatory motif) repeats, HCCS participates in the covalent linkage of a heme group to an apoprotein of cytochrome c. The gene encoding HCCS maps to the human X chromosome. Defects to this gene cause microphthalmia syndromic type 7 (MCOPS7), also known as MIDAS syndrome or microphthalmia with linear skin defects (MLS). MCOPS7 is an X-linked male-lethal disorder that results in eye deformation, unilateral or bilateral microphthalmia, linear skin defects in affected females, and in utero lethality for males.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 31 kDa

### Swiss-Prot:

P53701

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

### Storage&Stability:

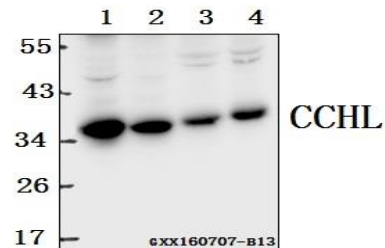
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

CCHL (R104) polyclonal antibody detects endogenous

levels of CCHL protein.

### DATA:



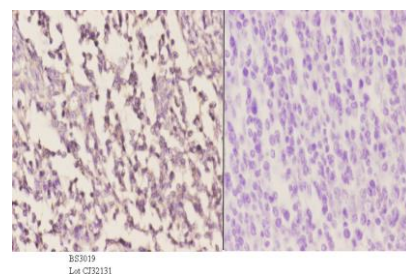
Western blot (WB) analysis of CCHL (R104) polyclonal antibody at 1:500 dilution

Lane1:786-O whole cell lysate(40ug)

Lane2:SGC7901 whole cell lysate(40ug)

Lane3:CT-26 whole cell lysate(40ug)

Lane4:PC12 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of CCHL (R104) pAb in paraffin-embedded human tonsil carcinoma tissue at 1:50. showing Mitochondrial inner membrane staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

### Note:

For research use only, not for use in diagnostic procedure.

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