

Uniprot ID: [P04080](#)

Protein name: CYTB_HUMAN

Full name: Cystatin-B

Protein existence: evidence at protein level

Function: This is an intracellular thiol proteinase inhibitor. Tightly binding reversible inhibitor of cathepsins L, H and B.

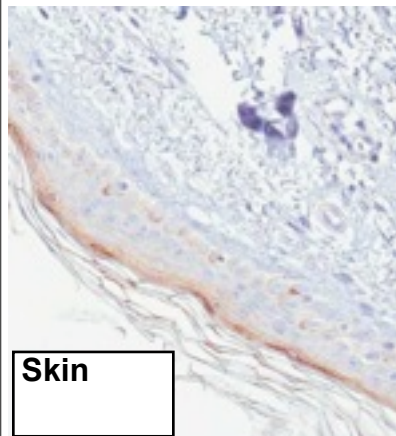
Subcellular location: Cytoplasm. Nucleus.

Three antibodies: CSTB-1, CSTB-2 and CSTB-3 were tested. All three antibodies were approved for IHC. CSTB-3 was selected for full protein profiling.

CSTB-2

CSTB-2 (CAB047319)

OK



Immunohistochemistry

IHC protocol: HIER pH 6, Dilution 1:250

IHC test staining: **Strong cytoplasmic staining of squamous epithelia in tonsil. Very weak staining in a few tissues..**

Western blot

WB Size markers (kDa): 250, 130, 95, 72, 55, 36, 28, 17, 11

WB Lanes: Marker(1), RT-4(2), U251 MG(3), Plasma(4), Liver(5), Tonsil(6)

WB Target weight (kDa): 11

WB Validation: Supportive (Single band corresponding to the predicted size in kDa (+/-20%)).

