

Calcyclin-3

Uniprot ID: [P06703](#)

Protein name: S100A6_HUMAN

Full name: Protein S100-A6

Protein existence: evidence at protein level

Function: May function as calcium sensor and contribute to cellular calcium signaling (Potential). May function by interacting with other proteins and indirectly play a role in the reorganization of the actin cytoskeleton and in cell motility. Binds 2 calcium ions. Calcium binding is cooperative.

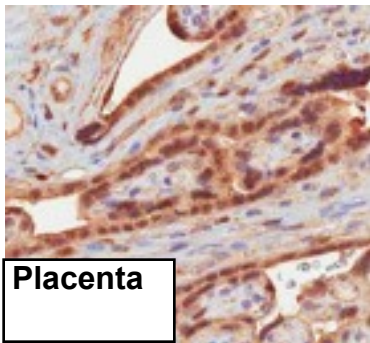
Subcellular location: Nucleus envelope. Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side.

One antibody: Calcyclin-3 was tested. Calcyclin-3 was approved for IHC.

Calcyclin-3 (CAB047354)

OK

(previously recieved CPTC-Calcyclin-1 already published on Human Protein Atlas)



Immunohistochemistry

IHC protocol: HIER pH 6, Dilution 1:10 *(note low conc)*

IHC test staining: Cytoplasmic and nuclear staining in several 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): 10, 10

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

