

PTPN6-2

Uniprot ID: O00151

Protein name: PDL1_HUMAN

Full name: PDZ and LIM domain protein 1

Protein existence: evidence at protein level

Function: Cytoskeletal protein that may act as an adapter that brings other proteins (like kinases) to the cytoskeleton.

Three antibodies: PDLIM1-1, PDLIM1-2 and PDLIM1-3 were tested. PDLIM1-1 was selected for full protein profiling.

PTPN6-2 (CAB072845)

OK

Immunohistochemistry

IHC protocol: HIER pH 6, Dilution 1:3500

IHC test staining: Weak cytoplasmic staining in heart muscle and gastrointestinal tract.

IHC Annotators comments

A majority of normal tissues showed weak to moderate nuclear positivity. Tonsil and bone marrow displayed strong nuclear immunoreactivity. Remaining tissues were negative.

Several cases of all cancers displayed weak to moderate nuclear positivity. A few low grade lymphomas showed strong nuclear immunoreactivity. Remaining cancer tissues were negative.

Immunofluorescence

IF Overlay: antibody (green), anti-tubuline (red) and DAPI (blue)

IF Localization: Negative.

IF Validation: 0

Western blot

WB Size markers (kDa): 250, 130, 95, 72, 55, 36, 28, 17, 10

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

WB Target weight (kDa): 70, 68, 17, 15, 18, 16.

WB Validation: Supportive (Band of predicted size in kDa (+/-20%) with additional bands present)

