

IDO1-2

Uniprot ID: Uniprot ID: P14902

Protein name: I23O1_HUMAN

Full name: Indoleamine 2,3-dioxygenase 1

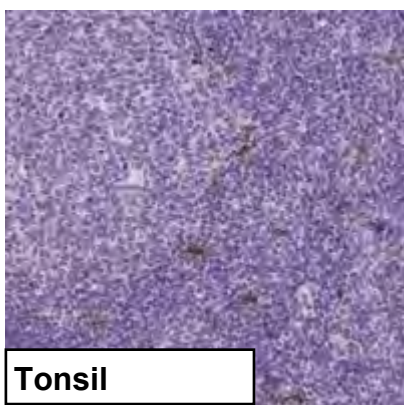
Protein: existence: evidence at protein level

Function: Catalyzes the cleavage of the pyrrol ring of tryptophan and incorporates both atoms of a molecule of oxygen.

Three antibodies: IDO1-1 and IDO1-2 were tested. IDO1-2 was selected for full protein profiling.

IDO1-2 (CAB072820)

OK



Immunohistochemistry

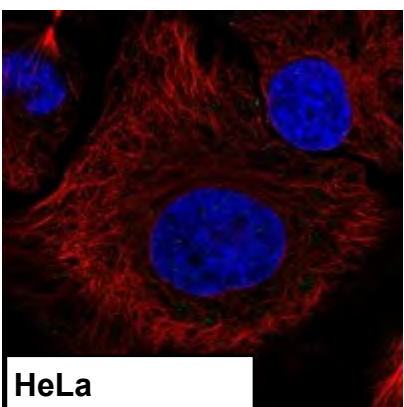
IHC protocol: HIER pH 6, Dilution 1:8000

IHC test staining: Has a secreted positivity in lymphatic tissues.

IHC Annotators comments

Normal tissues showed secreted positivity in a subset cells in tonsil. Remaining normal tissue were weakly stained or negative.

Cancers tissues showed moderate cytoplasmic and nuclear positivity in several squamous cell carcinomas of uterine cervix along with rare cases of ovarian, endometrial, head and neck. A single case of stomach cancer showed strong positivity. Remaining cancers were weakly stained or negative.

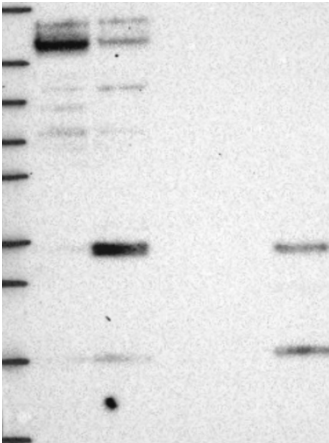


Immunofluorescence

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

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): 45, 9, 21, 6.

WB Validation: Not-supportive (Only bands not corresponding to the predicted size)