

SULT1E1-2

Uniprot ID: [P49888](#)

Protein name: ST1E1_HUMAN

Full name: Estrogen sulfotransferase

Protein existence: evidence at protein level

Function: May control the level of the estrogen receptor by sulfurylating free estradiol. Maximally sulfates beta-estradiol and estrone at concentrations of 20 nM. Also sulfates dehydroepiandrosterone, pregnenolone, ethinylestradiol, equalenin, diethylstilbesterol and 1-naphthol, at significantly higher concentrations; however, cortisol, testosterone and dopamine are not sulfated.

Subcellular location: Cytoplasm.

Tissue specificity: Liver, intestine and at lower level in the kidney.

Three antibodies: SULT1E1-1, SULT1E1-2, and SULT1E1-3 were tested. All three antibodies were approved for IHC. SULT1E1-1 was selected for full protein profiling.

SULT1E1-2 (CAB047345)

OK



Immunohistochemistry

IHC protocol: HIER pH 6, Dilution 1:40

IHC test staining: Cytoplasmic staining of intestine and liver.

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): 35, 15

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

