

SULT1E1 Polyclonal Antibody

Catalog number: 12522-1-AP

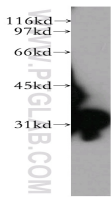
Size: 57 µg/150 µl

Source: Rabbit

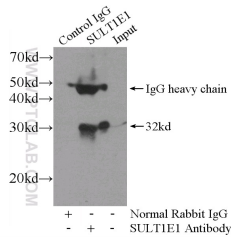
Isotype: IgG

Synonyms:

SULT1E1; EST, EST 1, Estrogen sulfotransferase, ST1E1, STE, Sulfotransferase 1E1, SULT1E1



human lung tissue were subjected to SDS PAGE followed by western blot with 12522-1-AP(SULT1E1 antibody) at dilution of 1:500



IP Result of anti-SULT1E1 (IP:12522-1-AP, 4µg; Detection:12522-1-AP 1:400) with mouse liver tissue lysate 4000µg.

Background

SULT1E1, also known as estrogen sulfotransferase, catalyzes the sulfation of endogenous estrogens as well as xenobiotic estrogen-like chemicals, converting them into the inactive form. SULT1E1 is a 33-35 kDa cytosolic protein that has been detected in human hepatic and nonhepatic tissues (17035602). SULT1E1 is expressed in breast and endometrial tissues, and some studies have investigated its implication in tumor development. Higher expression of SULT1E1 was observed in breast cancer tissues compared with normal breast tissues (22380844). This antibody detected a major band around 35 kD in lysates of mouse kidney, human liver and so on.

Applications

Tested applications:	ELISA, WB, IP
Cited applications:	IF, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated SULT1E1 MW:	294aa, 35 kDa
Observed SULT1E1 MW:	32-35 kDa
Positive WB detected in	Human lung tissue, human adrenal gland tissue, human kidney tissue, human liver tissue, mouse kidney tissue
Positive IP detected in	Mouse liver tissue
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3216
GenBank accession number:	BC027956
Gene ID (NCBI):	6783
Full name:	Sulfotransferase family 1E, estrogen-preferring, member 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.