

CYP2J2 Polyclonal Antibody

Catalog number: 13562-1-AP

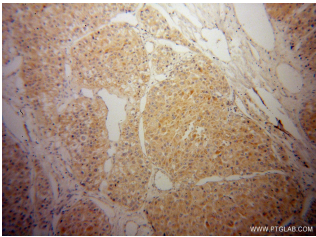
Size: 35 µg/150 µl

Source: Rabbit

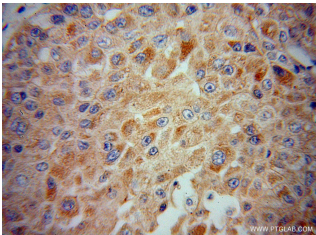
Isotype: IgG

Synonyms:

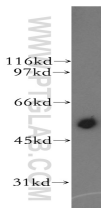
CYP2J2; Arachidonic acid epoxygenase, CPJ2, CYP2J2, CYP11J2, Cytochrome P450 2J2



Immunohistochemical of paraffin-embedded human liver cancer using 13562-1-AP(CYP2J2 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human liver cancer using 13562-1-AP(CYP2J2 antibody) at dilution of 1:50 (under 40x lens)



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 13562-1-AP(CYP2J2 antibody) at dilution of 1:500

Background

CYP2J2(Cytochrome P450 2J2) belongs to the cytochrome P450 family. This enzyme metabolizes arachidonic acid predominantly via a NADPH-dependent olefin epoxidation to all four regioisomeric cis-epoxyeicosatrienoic acids. The human CYP2J member, CYP2J2, is shown to be expressed in several tissues such as the small intestine, liver, heart, kidney, and lung and may play a role in the oxidative bioactivation of arachidonic acid(PMID:12386130).

Applications

Tested applications:	ELISA, WB, IHC
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated CYP2J2 MW:	502aa,58kd
Observed CYP2J2 MW:	58kd
Positive WB detected in	Mouse skeletal muscle tissue
Positive IHC detected in	Human liver cancer tissue, human heart tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

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

Immunogen information

Immunogen:	Ag4435
GenBank accession number:	BC032594
Gene ID (NCBI):	1573
Full name:	Cytochrome P450, family 2, subfamily J, polypeptide 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.