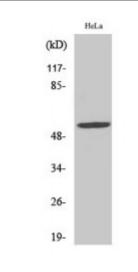


Anti-CYP2A13 antibody



Description Rabbit polyclonal to CYP2A13.

Model STJ92568

Host Rabbit

Reactivity Human

Applications ELISA, IF, IHC, WB

Immunogen Synthesized peptide derived from human CYP2A13

Immunogen Region 280-360 aa, Internal

Gene ID <u>1553</u>

Gene Symbol CYP2A13

Dilution range WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000

Specificity CYP2A13 Polyclonal Antibody detects endogenous levels of CYP2A13

protein.

Tissue Specificity Expressed in liver and a number of extrahepatic tissues, including nasal

mucosa, lung, trachea, brain, mammary gland, prostate, testis, and uterus, but not in heart, kidney, bone marrow, colon, small intestine, spleen, stomach,

thymus, or skeletal muscle.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name Cytochrome P450 2A13 CYPIIA13

Molecular Weight 56 kDa

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links <u>HGNC:2608OMIM:608055</u>

Alternative Names Cytochrome P450 2A13 CYPIIA13

Function Exhibits a coumarin 7-hydroxylase activity. Active in the metabolic activation

 $of\ hexamethyl phosphoramide,\ N, N-dimethyl aniline,\ 2'-methoxy acet ophenone,$

N-nitrosomethylphenylamine, and the tobacco-specific carcinogen, 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone. Possesses phenacetin O-

deethylation activity.

Cellular Localization Endoplasmic reticulum membrane. Peripheral membrane protein. Microsome

membrane. Peripheral membrane protein.

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