

**CYP2W1 Polyclonal Antibody**

|                              |   |
|------------------------------|---|
| <b>Catalog No :</b>          | YT1225  |
| <b>Reactivity :</b>          | Human;Rat;Mouse;  |
| <b>Applications :</b>        | WB;IHC;IF;ELISA   |
| <b>Target :</b>              | CYP2W1  |
| <b>Fields :</b>              | >>Retinol metabolism;>>Metabolic pathways   |
| <b>Gene Name :</b>           | CYP2W1  |
| <b>Protein Name :</b>        | Cytochrome P450 2W1   |
| <b>Human Gene Id :</b>       | 54905   |
| <b>Human Swiss Prot No :</b> | Q8TAV3  |
| <b>Immunogen :</b>           | The antiserum was produced against synthesized peptide derived from human Cytochrome P450 2W1. AA range:311-360       |
| <b>Specificity :</b>         | CYP2W1 Polyclonal Antibody detects endogenous levels of CYP2W1 protein.   |
| <b>Formulation :</b>         | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| <b>Source :</b>              | Polyclonal, Rabbit,IgG  |
| <b>Dilution :</b>            | WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications.        |
| <b>Purification :</b>        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Concentration :</b>       | 1 mg/ml   |
| <b>Storage Stability :</b>   | -15°C to -25°C/1 year(Do not lower than -25°C)  |
| <b>Observed Band :</b>       | 55kD  |

**Background :** This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. [provided by RefSeq, Jul 2008],

**Function :** cofactor:Heme group.,similarity:Belongs to the cytochrome P450 family.,

**Subcellular Location :** Endoplasmic reticulum lumen . Cell membrane . Microsome membrane . About 8% are expressed on the cell surface. .

**Expression :** Very low levels are detected in fetal and adult tissues. Highly expressed in several tumor samples, in particular colon and adrenal tumors.

**Sort :** 4806

**No4 :** 1

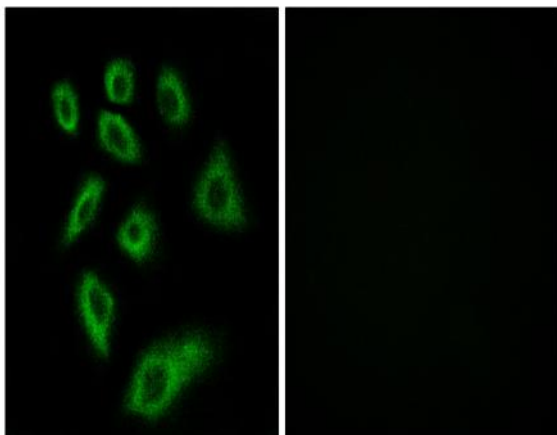
**Host :** Rabbit

**Modifications :** Unmodified

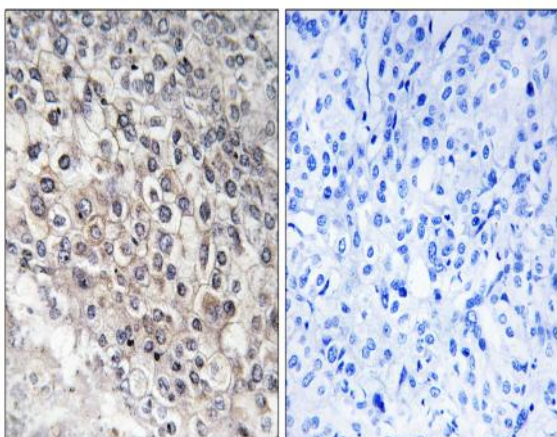
## Products Images



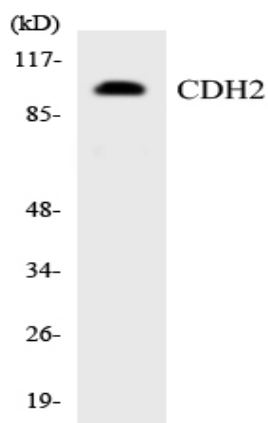
Western Blot analysis of various cells using CYP2W1 Polyclonal Antibody



Immunofluorescence analysis of HUVEC cells, using Cytochrome P450 2W1 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using Cytochrome P450 2W1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using CDH2 antibody.