Cytochrome P450 4Z1/2 Antibody

Cat.#: DF3590  
Size: 100ul, 200ul  
Concn.: 1mg/ml  
Mol.Wt.: 59 KD  
Source: Rabbit  
Clonality: Polyclonal

Application:  

Reactivity:  
Human, Mouse, Rat

Purification:  
The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Specificity:  
Cytochrome P450 4Z1/2 Antibody detects endogenous levels of total Cytochrome P450 4Z1/2.

Immunogen:  
A synthesized peptide derived from human Cytochrome P450 4Z1/2, corresponding to a region within N-terminal amino acids.

Uniprot:  
Q86W10

Storage Condition and Buffer:  
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Western blot analysis of extracts from rat brain cells, using Cytochrome P450 4Z1 Antibody. The lane on the left was treated with the antigen-specific peptide.

DF3590 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.
DF3590 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.