

CYP1B1 Polyclonal Antibody

| Product Details | |
|--------------------|--|
| Size | 100 µg |
| Species Reactivity | Human, Mouse, Rat |
| Host/Isotype | Rabbit / IgG |
| Class | Polyclonal |
| Type | Antibody |
| Conjugate | Unconjugated |
| Immunogen | E.coli-derived human CYP1B1 recombinant protein (Position: R255-L480). |
| Form | Lyophilized |
| Concentration | 500 µg/mL |
| Purification | Affinity chromatography |
| Storage buffer | PBS with 5mg BSA |
| Contains | 0.05mg sodium azide |
| Storage conditions | Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. |
| RRID | AB_2807081 |

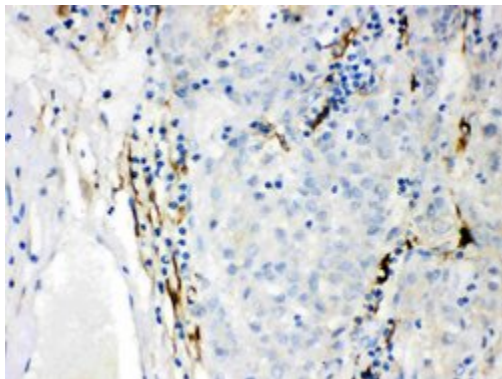
| Applications | Tested Dilution | Publications |
|---|--------------------------------|--------------|
| Western Blot (WB) | 0.1-0.5 µg/mL | - |
| Immunohistochemistry (Paraffin) (IHC (P)) | 0.5-1 µg/mL | - |
| Immunohistochemistry (Frozen) (IHC (F)) | 0.5-1 µg/mL | - |
| Immunocytochemistry (ICC/IF) | 0.5-1 µg/mL | - |
| Flow Cytometry (Flow) | 1-3 µg/1x10 ⁶ cells | - |

Product Specific Information

Human CYP1B1 shares 85.4% and 84.5% amino acid (aa) sequence identity with mouse and rat CYP1B1, respectively.

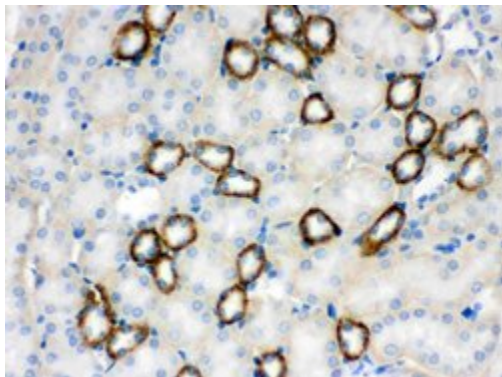
Reconstitution information: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Product Images For CYP1B1 Polyclonal Antibody



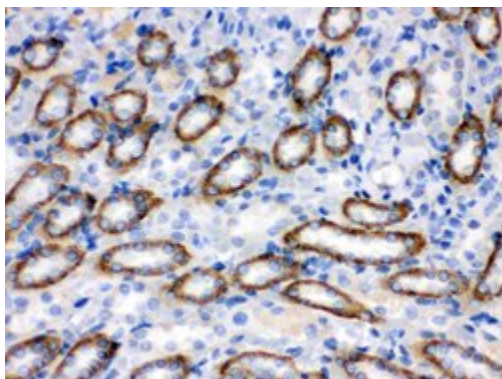
CYP1B1 Antibody (PA5-95277) in IHC (P)

Immunohistochemistry analysis of CYP1B1 in paraffin-embedded human liver cancer tissue. Antigen retrieval was performed on the tissue using citrate buffer (pH 6, 20 min) and blocked with 10% goat serum. Samples were incubated with CYP1B1 polyclonal antibody (Product # PA5-95277) at a 1 µg/mL dilution, followed by biotinylated goat anti-rabbit IgG (30 min, 37°C), and developed with Streptavidin-Biotin-Complex and DAB.



CYP1B1 Antibody (PA5-95277) in IHC (P)

Immunohistochemistry analysis of CYP1B1 in paraffin-embedded mouse kidney tissue. Antigen retrieval was performed on the tissue using citrate buffer (pH 6, 20 min) and blocked with 10% goat serum. Samples were incubated with CYP1B1 polyclonal antibody (Product # PA5-95277) at a 1 µg/mL dilution, followed by biotinylated goat anti-rabbit IgG (30 min, 37°C), and developed with Streptavidin-Biotin-Complex and DAB.



CYP1B1 Antibody (PA5-95277) in IHC (P)

Immunohistochemistry analysis of CYP1B1 in paraffin-embedded rat kidney tissue. Antigen retrieval was performed on the tissue using citrate buffer (pH 6, 20 min) and blocked with 10% goat serum. Samples were incubated with CYP1B1 polyclonal antibody (Product # PA5-95277) at a 1 µg/mL dilution, followed by biotinylated goat anti-rabbit IgG (30 min, 37°C), and developed with Streptavidin-Biotin-Complex and DAB.

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