

## Product datasheet for **TA325091**

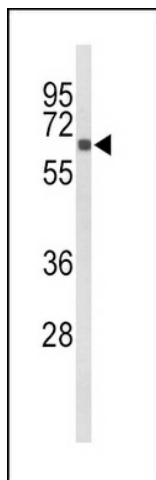
### CYP27B1 Rabbit Polyclonal Antibody

#### Product data:

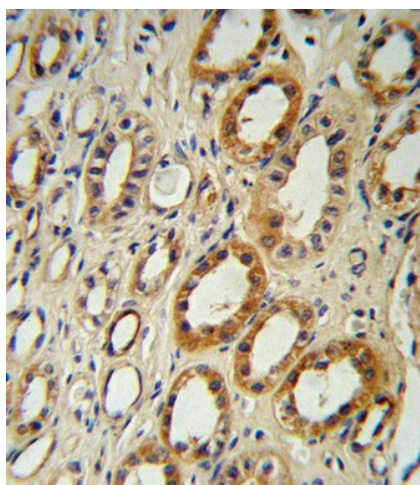
Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	WB: 1:1000, IHC: 1:10~50, FC: 1:10~50
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This CYP27B1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 482-508 amino acids from the C-terminal region of human CYP27B1.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56504 Da
Gene Name:	cytochrome P450 family 27 subfamily B member 1
Database Link:	<a href="#">NP_000776</a> <a href="#">Entrez Gene 13115 Mouse</a> <a href="#">Entrez Gene 1594 Human</a> <a href="#">O15528</a>
Synonyms:	CP2B; CYP1; CYP1alpha; CYP27B; P450c1; PDDR; VDD1; VDDR; VDDRI; VDR
Protein Families:	Druggable Genome, P450
Protein Pathways:	Metabolic pathways, Steroid biosynthesis



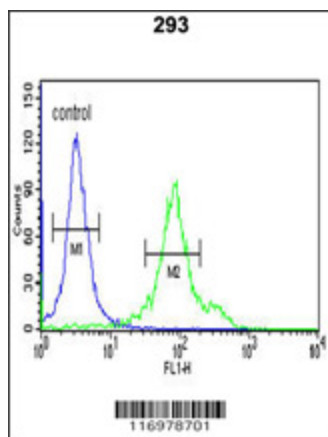
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**Product images:**

Western blot analysis of CYP27B1 Antibody (C-term) (Cat. #TA325091) in mouse kidney tissue lysates (35ug/lane). CYP27B1 (arrow) was detected using the purified Pab.



CYP27B1 Antibody (C-term) (Cat. #TA325091) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CYP27B1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



CYP27B1 Antibody (C-term) (Cat. #TA325091) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.