

CYP2E1 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 CYP2E1 recombinant protein (Position: M1-Y310).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	0.05mg sodium azide
Storage conditions	-20°C
RRID	AB_2746248

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-

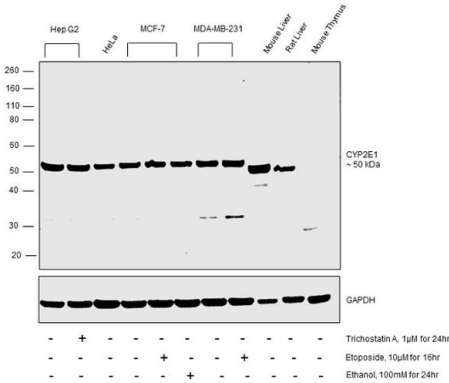
Product Specific Information

Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

Product Images For CYP2E1 Polyclonal Antibody

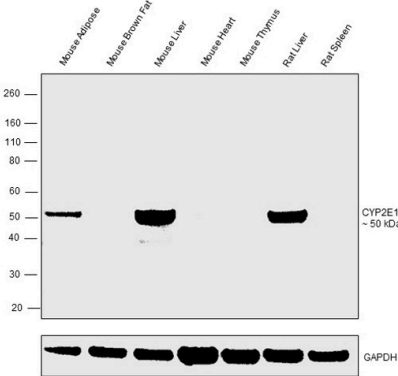
CYP2E1 Antibody (PA5-79132) in WB

Western blot was performed using Anti-CYP2E1 Polyclonal Antibody (Product # PA5-79132) and a ~52 kDa band corresponding to CYP2E1 was observed across cell lines and in Mouse and Rat Liver tissues. Membrane enriched extracts (30 µg lysate) of HepG2 (Lane1), HepG2 treated with Trichostatin (1 µM for 24hr) (Lane 2), HeLa (Lane 3), MCF-7 (Lane 4), MCF-7 treated with Etoposide (10 µM for 16hr) (Lane 5), MCF-7 treated with Ethanol (100mM for 24hr) (Lane 6), MDA-MB-231 (Lane 7), MDA-MB-231 treated with Etoposide (10 µM for 16hr) (Lane 8), and tissue extracts (30 µg) of Mouse Liver (Lane 9), Rat Liver (Lane 10) and Mouse Thymus (Lane 11) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (0.25 µg/mL) and detected by chemiluminescence Goat Anti-Rabbit IgG Secondary Antibody, HRP conjugate (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



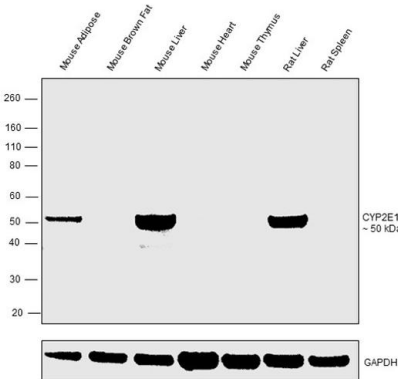
CYP2E1 Antibody (PA5-79132)

Antibody specificity was demonstrated by detection of differential basal expression of the target across tissue tested owing to their inherent genetic constitution. Relative expression of CYP2E1 was observed in Mouse Adipose, Mouse Liver and Rat Liver in comparison to Mouse Brown Fat, Mouse Heart, Mouse Thymus and Rat Spleen using Anti-CYP2E1 Polyclonal antibody (Product # PA5-79132) in Western Blot. {RE}



CYP2E1 Antibody (PA5-79132) in WB

Western blot was performed using Anti-CYP2E1 Polyclonal Antibody (Product # PA5-79132) and a ~50kDa band corresponding to CYP2E1 was observed in Mouse Adipose, Mouse Liver and Rat Liver tissues. Tissue extracts (30 µg) of Mouse Adipose (Lane 1), Mouse Brown Fat (Lane 2), Mouse Liver (Lane 3), Mouse Heart (Lane 4), Mouse Thymus (Lane 5), Rat Liver (Lane 6) and Rat Spleen (Lane7) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (0.25µg/ml) and detected by chemiluminescence Goat Anti-Rabbit IgG Secondary Antibody, HRP conjugate (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



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