For research purposes only, not for human use

Product Data Sheet

Anti-Cytochrome P450 46A1 Antibody

Catalog #	Source	Reactivity	Applications
CQA3521	Rabbit	H, M, R	WB, IH, IF/IC

Description	Rabbit polyclonal antibody to Cytochrome P450 46A1
Immunogen	Recombinant full length protein of human Cytochrome P450 46A1
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of Cytochrome P450 46A1 protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200), IF/IC (1/50 - 1/200)
Gene Symbol	CYP46A1
Alternative Names	CYP46; Cholesterol 24-hydroxylase; CH24H; Cytochrome P450 46A1
Entrez Gene	10858 (Human); 13116 (Mouse)
SwissProt	Q9Y6A2 (Human); Q9WVK8 (Mouse)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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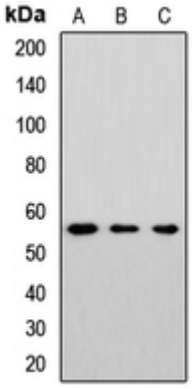
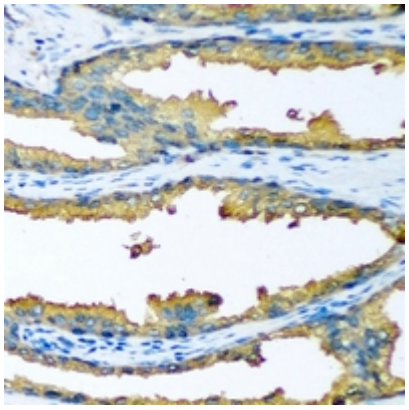


Western blot analysis of Cytochrome P450 46A1 expression in MCF7 (A), mouse brain (B), rat liver (C) whole cell lysates. (Predicted band size: 38; 45; 56 kD; Observed band size: 57 kD)



Immunohistochemical analysis of Cytochrome P450 46A1 staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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