

For Research Use Only

Cytochrome P450 Reductase Polyclonal antibody



Catalog Number: 29814-1-AP **Featured Product**

Basic Information

Catalog Number: 29814-1-AP	GenBank Accession Number: NM_000941	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 5447	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	Full Name: P450 (cytochrome) oxidoreductase	
Isotype: IgG	Calculated MW: 77 kDa	
Immunogen Catalog Number: AG30899	Observed MW: 77 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human placenta tissue, HepG2 cells
Species Specificity: Human	

Background Information

Cytochrome P450 Reductase (CYPOR) consists of the flavin mononucleotide (FMN) domain and the flavin adenine dinucleotide (FAD) domain, which bind the corresponding cofactors and transfer electrons from NADPH via FAD and FMN (PMID: 33498551). CYPOR is an essential component of the microsomal P450 mixed-function oxidase system and is required for electron transfer from NADPH to cytochromes P450 in microsomes. The calculated molecular weight of CYPOR is 77 kDa.

Storage

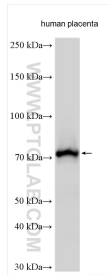
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

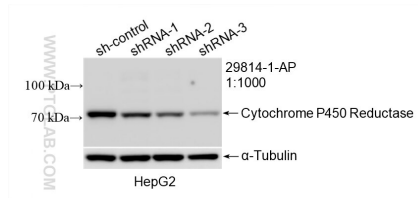
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Human placenta tissue were subjected to SDS PAGE followed by western blot with 29814-1-AP (Cytochrome P450 Reductase antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



WB result of Cytochrome P450 Reductase antibody (29814-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Cytochrome P450 Reductase transfected HepG2 cells.