For Research Use Only

Cytochrome P450 Reductase Polyclonal antibody, PBS Only

Catalog Number:29814-1-PBS Featured Product

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
29814-1-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG30899

GenBank Accession Number:
NM_000941

GeneID (NCBI):
5447

UNIPROT ID:
P16435

Full Name:
P450 (cytochrome) oxidoreductase

Calculated MW:
77 kDa

Observed MW:
77 kDa

Purification Method:
Antigen affinity purification

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

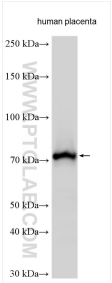
Cytochrome P450 Reductase (CYPOR) consists of the flavin mononucleotide (FMN) domain and the flavin adenine dinucleotide (FAD) domain, which bind the corresponding cofactors and transfer electrons from NADPH via FAD and FMN (PMID: 33498551). CYPOR is an essential component of the microsomal P450 mixed-function 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

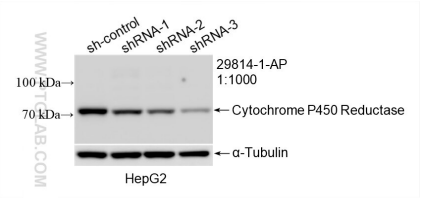
Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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

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. This data was developed using the same antibody clone with 29814-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 29814-1-PBS in a different storage buffer formulation.