

For Research Use Only

CYP4Z1-Specific Polyclonal antibody

Catalog Number: 20142-1-AP

2 Publications



Basic Information

Catalog Number:

20142-1-AP

Size:

150ul, Concentration: 500 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_178134

GeneID (NCBI):

199974

UNIPROT ID:

Q86W10

Full Name:

cytochrome P450, family 4, subfamily Z, polypeptide 1

Calculated MW:

59 kDa

Observed MW:

59 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB: MDA-MB-453s cells, HeLa cells

Background Information

CYP4Z1 belongs to the cytochrome P450 family. CYP4Z1 catalyzes the reaction: RH + reduced flavoprotein + O₂ = ROH + oxidized flavoprotein + H₂O. This antibody is specific to CYP4Z1.

Notable Publications

Author	Pubmed ID	Journal	Application
Hai Liu	33866606	Mol Carcinog	WB
Hai Qin	37994574	Environ Toxicol	WB

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:

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Selected Validation Data



MDA-MB-453s cells were subjected to SDS PAGE followed by western blot with 20142-1-AP (CYP4Z1-Specific antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.