

Rabbit anti-Rat Cytochrome P450 1A1 Polyclonal Antibody | anti-CYP1A1 antibody

Polyclonal Antibody to Cytochrome P450 1A1 (CYP1A1)

CATALOG # AAA142836	HOST Rabbit	REACTIVITY Rat	APPLICATIONS ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

Cytochrome P450 1A1; Polyclonal Antibody; Polyclonal Antibody to Cytochrome P450 1A1 (CYP1A1); anti-CYP1A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CYP1A1. It has been selected for its ability to recognize CYP1A1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence Length	518
Applicable Applications for anti-CYP1A1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	CYP1A1 (Ser251~His521)
Organism Species	Rattus norvegicus (Rat)
Cross Reactivity	Mouse, Rat
Conjugate	No Conjugate
Immunogen	Recombinant CYP1A1 (Ser251~His521) expressed in E Coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



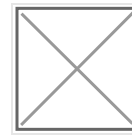
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Pancreas Tissue.



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Liver Tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant CYP1A1, Rat.

**WB (Western Blot)**

Western Blot: Sample: Lane1: Rat Liver Tissue; Lane2: Mouse Liver Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	46048641
NCBI GeneID	24296
NCBI Accession #	NP_036672.2
NCBI GenBank Nucleotide #	NM_012540.2
UniProt Accession #	P00185
Molecular Weight	59,393 Da
NCBI Official Full Name	cytochrome P450 1A1
NCBI Official Synonym Full Names	cytochrome P450, family 1, subfamily a, polypeptide 1
NCBI Official Symbol	Cyp1a1
NCBI Official Synonym Symbols	AHH; AHRR; CP11; CYP1; Cyp45c; P1-450; P450-C; P450DX; Cypc45c; P-450MC
NCBI Protein Information	cytochrome P450 1A1
UniProt Protein Name	Cytochrome P450 1A1
UniProt Gene Name	Cyp1a1
UniProt Synonym Gene Names	Cyp1a-1; CYP1A1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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