

Rabbit Cytochrome P450 2A7 Polyclonal Antibody | anti-CYP2A7 antibody

Anti-Cytochrome P450 2A7 Antibody

CATALOG # AAA104578	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Cytochrome P450 2A7; Polyclonal Antibody; Anti-Cytochrome P450 2A7 Antibody; CYP1A7; Cytochrome P450 IIA4; anti-CYP2A7 antibody

PRODUCT SPECIFICATIONS

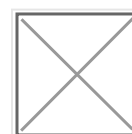
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Cytochrome P450 2A7 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	494
Applicable Applications for anti-CYP2A7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Cytochrome P450 2A7. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of Cytochrome P450 2A7 staining in human liver 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.



WB (Western Blot)

Western blot analysis of Cytochrome P450 2A7 expression in A549 (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2A7 antibody	Rabbit polyclonal antibody to Cytochrome P450 2A7
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15147330
NCBI GeneID	1549

NCBI Accession #	NP_000755.2
NCBI GenBank Nucleotide #	NM_000764.2
UniProt Accession #	P20853; Q13121
Molecular Weight	56,425 Da
NCBI Official Full Name	cytochrome P450 2A7 isoform 1
NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily A, polypeptide 7
NCBI Official Symbol	CYP2A7
NCBI Official Synonym Symbols	CPA7; CPAD; CYP2A; CYP1IA7; P450-IIA4
NCBI Protein Information	cytochrome P450 2A7; cytochrome P450IIA4; cytochrome P450 IIA4; cytochrome P450, subfamily IIA (phenobarbital-inducible), polypeptide 7
UniProt Protein Name	Cytochrome P450 2A7
UniProt Gene Name	CYP2A7
UniProt Entry Name	CP2A7_HUMAN

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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cytochrome-p450-2a7-antibody-immunohistochemistry-western-blot-elisa/104578>