

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

Cytochrome P450 2A7

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325386	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

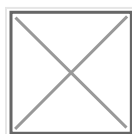
PRODUCT SYNONYMS

Cytochrome P450 2A7; Polyclonal Antibody; CP2A7_HUMAN; CPA7; CPAD; CYP2A 7; CYP2A; CYP2A7; CYP11A7; Cytochrome P450 family 2 subfamily A polypeptide 7; Cytochrome P450 IIA4; Cytochrome P450 subfamily IIA (phenobarbital inducible) polypeptide 7; Cytochrome P450IIA4; P450 IIA4; anti-CYP2A7 antibody

PRODUCT SPECIFICATIONS

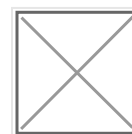
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Cytochrome P450 2A7 detects endogenous levels of total Cytochrome P450 2A7
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	494
Applicable Applications for anti-CYP2A7 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Endoplasmic Reticulum
Tissue Specificity	P450 can be induced to high levels in liver and other tissues by various foreign compounds, including drugs, pesticides, and carcinogens.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA325386 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from K562/Jurkat cells, using CYP2A7 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2A7 antibody	Function: Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics. Similarity: Belongs to the cytochrome P450 family.
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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	Observed: 57 kD Predicted: 57 kDa
NCBI Official Full Name	cytochrome P450 2A7 isoform 1
NCBI Official Synonym Full Names	cytochrome P450 family 2 subfamily A member 7
NCBI Official Symbol	CYP2A7
NCBI Official Synonym Symbols	CPA7; CPAD; CYP2A; CYP11A7; P450-IIA4
NCBI Protein Information	cytochrome P450 2A7
UniProt Protein Name	Cytochrome P450 2A7
UniProt Gene Name	CYP2A7

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cytochrome-p450-2a7-antibody-immunohistochemistry-western-blot-elisa/325386>