Rabbit Cytochrome P450 2A13 Polyclonal Antibody | anti-CYP2A13 antibody

Anti-Cytochrome P450 2A13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA105189	**Rabbit**	**Human, Dog, Rabbit**	**Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

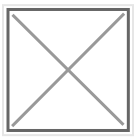
PRODUCT SYNONYMS

Cytochrome P450 2A13; Polyclonal Antibody; Anti-Cytochrome P450 2A13 Antibody; CYPIIA13; anti-CYP2A13 antibody

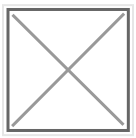
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Dog, Rabbit
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Cytochrome P450 2A13 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-CYP2A13 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cytochrome P450 2A13. 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



IF (Immunofluorescence)
Immunofluorescent analysis of Cytochrome P450 2A13 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohiostchemistry)
Immunohistochemical analysis of Cytochrome P450 2A13 staining in human lung 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 2A13 expression in HepG2 (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2A13 antibody	Rabbit polyclonal antibody to Cytochrome P450 2A13

NCBI AND UNIPROT INFORMATION

NCBI GI #	13699809
NCBI GeneID	1553
NCBI Accession #	NP_000757.2
NCBI GenBank Nucleotide #	NM_000766.4
UniProt Accession #	Q16696; Q53YR8; Q6R569; Q6R570; Q9H2X2
Molecular Weight	56,688 Da
NCBI Official Full Name	cytochrome P450 2A13
NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily A, polypeptide 13
NCBI Official Symbol	CYP2A13
NCBI Official Synonym Symbols	CPAD; CYP2A; CYPIIA13
NCBI Protein Information	cytochrome P450 2A13; cytochrome P450, subfamily IIA (phenobarbital-inducible), polypeptide 13
UniProt Protein Name	Cytochrome P450 2A13
UniProt Gene Name	**CYP2A13**
UniProt Entry Name	CP2AD_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-p450-2a13-antibody-immunoprecipitation-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/105189