

Rabbit anti-Human, Mouse CYP2A13 Polyclonal Antibody | anti-CYP2A13 antibody

Rabbit anti-Human CYP2A13 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA244108	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

CYP2A13; Polyclonal Antibody; Rabbit anti-Human CYP2A13 Polyclonal Antibody; Cytochrome P450 2A13 (EC 1.14.14.1) (CYP11A13); CYP2A13 Antibody; anti-CYP2A13 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid. Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Applicable Applications for anti-CYP2A13 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human Cytochrome P450 2A13 protein (252-354aa)
Conjugation	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image of diluted at 1:200 and staining in paraffin-embedded human breast cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)

Western BlotPositive WB detected in: A549 whole cell lysate, Mouse liver tissueAll lanes: CYP2A13 antibody at 1:2000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 57 kDaObserved band size: 57 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2A13 antibody	Exhibits a coumarin 7-hydroxylase activity. Active in the metabolic activation of hexamethylphosphoramide, N,N-dimethylaniline, 2'-methoxyacetophenone, N-nitrosomethylphenylamine, and the tobacco-specific carcinogen, 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone. Possesses phenacetin O-deethylation activity.
Product Categories/Family for anti-CYP2A13 antibody	Cardiovascular

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; CYP11A13
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/cyp2a13-antibody-immunohistochemistry-western-blot-elisa/244108>