

Rabbit CYP2B6 Polyclonal Antibody | anti-CYP2B6 antibody

CYP2B6 Rabbit Polyclonal Antibody

CATALOG # AAA313520	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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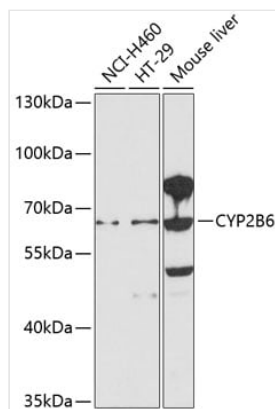
PRODUCT SYNONYMS

CYP2B6; Polyclonal Antibody; CYP2B6 Rabbit Polyclonal Antibody; CPB6; CYP2B; CYP2B7; CYP2B7P; CYP11B6; EFVM; IIB1; P450; anti-CYP2B6 antibody

PRODUCT SPECIFICATIONS

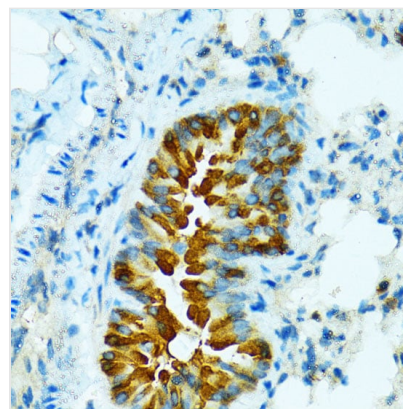
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-CYP2B6 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human CYP2B6 (NP_000758.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



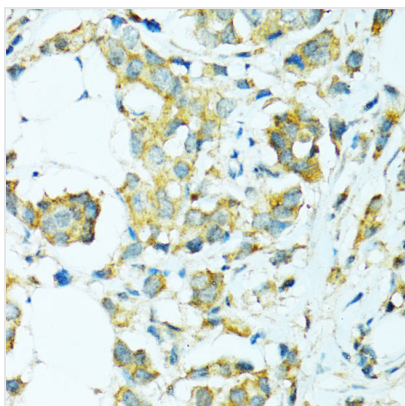
WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CYP2B6 at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.



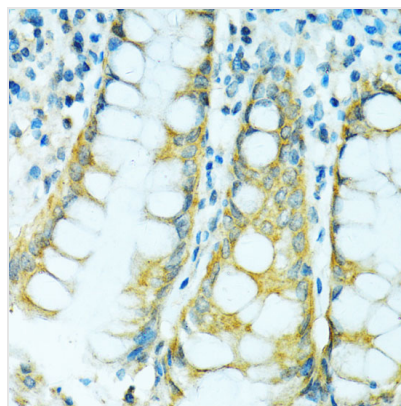
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using CYP2B6 at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using CYP2B6 at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon using CYP2B6 at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2B6 antibody	This gene, CYP2B6, encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum and its expression is induced by phenobarbital. The enzyme is known to metabolize some xenobiotics, such as the anti-cancer drugs cyclophosphamide and ifosfamide. Transcript variants for this gene have been described; however, it has not been resolved whether these transcripts are in fact produced by this gene or by a closely related pseudogene, CYP2B7. Both the gene and the pseudogene are located in the middle of a CYP2A pseudogene found in a large cluster of cytochrome P450 genes from the CYP2A, CYP2B and CYP2F subfamilies on chromosome 19q.
Product Categories/Family for anti-CYP2B6 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	7949031
NCBI GeneID	1555
NCBI Accession #	NP_000758.1
NCBI GenBank Nucleotide #	NM_000767.4
UniProt Accession #	P20813 ; Q2V565 ; Q9UK46
Molecular Weight	56,278 Da
NCBI Official Full Name	cytochrome P450 2B6
NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily B, polypeptide 6
NCBI Official Symbol	CYP2B6
NCBI Official Synonym Symbols	CPB6; EFVM; IIB1; P450; CYP2B; CYP2B7; CYP2B7P; CYP1IB6
NCBI Protein Information	cytochrome P450 2B6; cytochrome P450 IIB1; 1,4-cineole 2-exo-monooxygenase; cytochrome P450, subfamily IIB (phenobarbital-inducible), polypeptide 6
UniProt Protein Name	Cytochrome P450 2B6
UniProt Gene Name	CYP2B6
UniProt Entry Name	CP2B6_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.

