

Rabbit Cytochrome P450 3A4 Polyclonal Antibody | anti-CYP3A4 antibody

Polyclonal Antibody to Cytochrome P450 3A4 (CYP3A4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142114	Rabbit	Human, Rat, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

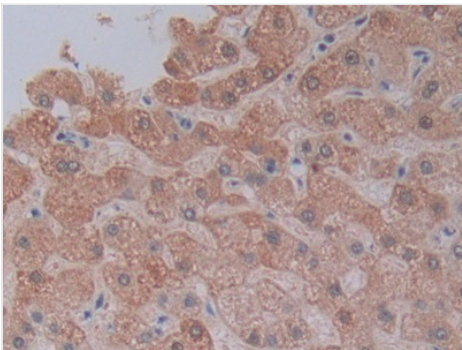
PRODUCT SYNONYMS

Cytochrome P450 3A4; Polyclonal Antibody; Polyclonal Antibody to Cytochrome P450 3A4 (CYP3A4); anti-CYP3A4 antibody

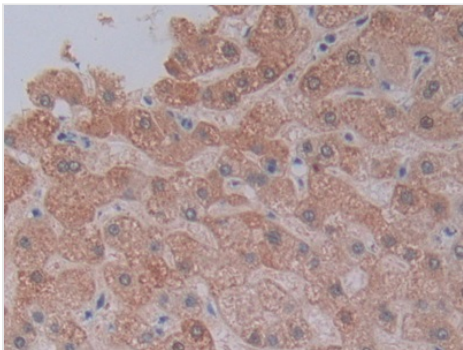
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CYP3A4. It has been selected for its ability to recognize CYP3A4 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-PPTYDTVL QMEYLDVVVN ETLRLFIAM RLERVCKKDV EINGMFIPKG VVMIPSYAL HRDPKYWTEP EKFLPERFSK KNKDNDPYI YTPFGSGPRN CIGMRFALMN MKLALIRVLQ NFSFKPKET QIPLKLSLG
Applicable Applications for anti-CYP3A4 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	CYP3A4 (Pro344~Asp497)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Rat, Pig
Conjugate	No Conjugate
Immunogen	Recombinant CYP3A4 (Pro344~Asp497) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

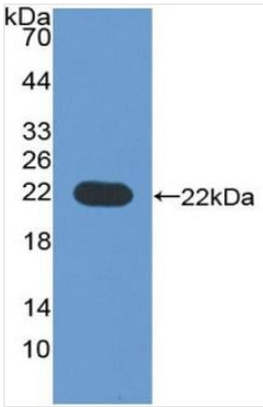
IMAGES



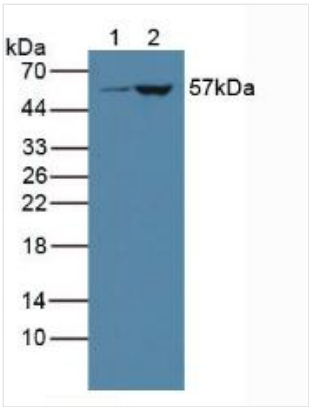
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Liver Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Liver Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant CYP3A4, Human.



WB (Western Blot)
Western Blot: Sample: Lane1: Porcine Liver Tissue; Lane2: Rat Liver Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	322302351
NCBI GeneID	1576
NCBI Accession #	NP_001189784.1
NCBI GenBank Nucleotide #	NM_001202855.2
UniProt Accession #	P08684; P05184; Q16757; Q9UK50
Molecular Weight	57,343 Da
NCBI Official Full Name	cytochrome P450 3A4 isoform 2
NCBI Official Synonym Full Names	cytochrome P450 family 3 subfamily A member 4
NCBI Official Symbol	CYP3A4
NCBI Official Synonym Symbols	HLP; CP33; CP34; CYP3A; NF-25; CYP3A3; P450C3; CYP3A3; CYP3A4; P450PCN1
NCBI Protein Information	cytochrome P450 3A4
UniProt Protein Name	Cytochrome P450 3A4
UniProt Gene Name	CYP3A4
UniProt Synonym Gene Names	CYP3A3

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.

