

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

Anti-Cytochrome P450 3A4 Antibody

|                               |                       |                                        |                                     |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA104227</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|

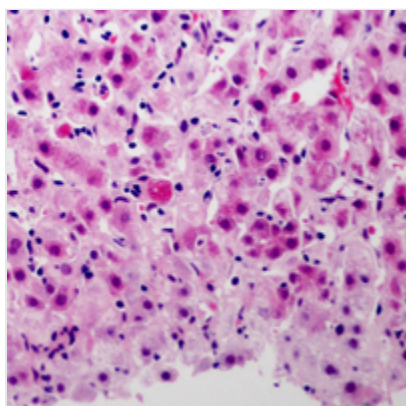
### PRODUCT SYNONYMS

Cytochrome P450 3A4; Polyclonal Antibody; Anti-Cytochrome P450 3A4 Antibody; CYP3A3; 1; 8-cineole 2-exo-monooxygenase; Albendazole monooxygenase; Albendazole sulfoxidase; CYP11A3; CYP11A4; Cytochrome P450 3A3; Cytochrome P450 HLP; Cytochrome P450 NF-25; Cytochrome P450-PCN1; Nifedipine oxidase; Quinine 3-mono; anti-CYP3A4 antibody

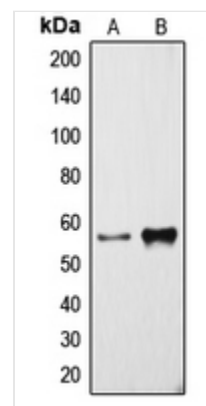
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                    |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                             |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                  |
| Clonality                                        | Polyclonal                                                                                                                                         |
| Specificity                                      | Recognizes endogenous levels of Cytochrome P450 3A4 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                                  | 502                                                                                                                                                |
| Applicable Applications for anti-CYP3A4 antibody | WB (Western Blot)                                                                                                                                  |
| Immunogen                                        | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cytochrome P450 3A4. The exact sequence is proprietary. |
| Preparation and Storage                          | Upon delivery aliquot and store at -20°C. Avoid freeze/thaw cycles.                                                                                |

### IMAGES



IHC (Immunohistochemistry)



WB (Western Blot)

Western blot analysis of Cytochrome P450 3A4 expression in NCIH460 (A), human liver (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                      |                                                   |
|------------------------------------------------------|---------------------------------------------------|
| Related Product Information for anti-CYP3A4 antibody | Rabbit polyclonal antibody to Cytochrome P450 3A4 |
|------------------------------------------------------|---------------------------------------------------|

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NCBI Official Full Name          | cytochrome P450 3A4 isoform 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| NCBI Official Synonym Full Names | cytochrome P450, family 3, subfamily A, polypeptide 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; nifedipine oxidase; cytochrome P450 3A3; cytochrome P450 HLP; cytochrome P450-PCN1; cytochrome P450 NF-25; albandazole sulfoxidase; quinine 3-monoxygenase; albandazole monoxygenase; P450-III, steroid inducible; glucocorticoid-inducible P450; 1,8-cineole 2-exo-monoxygenase; taurochenodeoxycholate 6-alpha-hydroxylase; cytochrome P450, subfamily IIIA (niphedipine oxidase), polypeptide 3; cytochrome P450, subfamily IIIA (niphedipine oxidase), polypeptide 4 |
| UniProt Protein Name             | Cytochrome P450 3A4                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| UniProt Gene Name                | CYP3A4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt Synonym Gene Names       | CYP3A3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt Entry Name               | CP3A4_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-p450-3a4-antibody-western-blot-elisa/104227>