



## Rabbit Anti-CYP3A43 antibody

SL14154R

|                               |  |
|-------------------------------|--|
| <b>Product Name:</b>          | CYP3A43  |
| <b>Chinese Name:</b>          | 细胞色素P450 A43抗体   |
| <b>Alias:</b>                 | Cytochrome P450 family 3 subfamily A polypeptide 43; Cytochrome P450 polypeptide 43; Cytochrome P450 subfamily IIIA polypeptide 43; MGC119315; CP343_HUMAN; MGC119316.   |
| <b>Organism Species:</b>      | Rabbit   |
| <b>Clonality:</b>             | Polyclonal   |
| <b>React Species:</b>         | Human,Monkey,  |
| <b>Applications:</b>          | ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair)<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user.   |
| <b>Molecular weight:</b>      | 58kDa  |
| <b>Cellular localization:</b> | cytoplasmic  |
| <b>Form:</b>                  | Lyophilized or Liquid  |
| <b>Concentration:</b>         | 1mg/ml   |
| <b>immunogen:</b>             | KLH conjugated synthetic peptide derived from human CYP3A43:101-200/503  |
| <b>Lsotype:</b>               | IgG  |
| <b>Purification:</b>          | affinity purified by Protein A   |
| <b>Storage Buffer:</b>        | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.   |
| <b>Storage:</b>               | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.  |
| <b>PubMed:</b>                | <a href="#">PubMed</a>   |
| <b>Product Detail:</b>        | This gene 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. The encoded protein has a low level of testosterone hydroxylase activity, and may play a role in aging mechanisms and cancer progression. This gene is part of a cluster of |

cytochrome P450 genes on chromosome 7q21.1. Alternate splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013]

**Function:**

CYP3A43 is a member of the cytochrome P450 superfamily of enzymes which are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. CYP3A43 exhibits low testosterone 6 beta hydroxylase activity.

**Subcellular Location:**

Endoplasmic reticulum membrane; Peripheral membrane protein. Microsome membrane; Peripheral membrane protein.

**SWISS:**

Q9HB55

**Gene ID:**

64816

**Database links:**

[Entrez Gene: 64816](#) Human

[Omim: 606534](#) Human

[SwissProt: Q9HB55](#) Human

[Unigene: 306220](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.