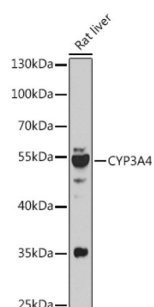


Cytochrome P450 3A4 (CYP3A4) Antibody

Catalogue No.: abx001982



Western blot analysis of extracts of Rat liver using CYP3A4 Antibody (1/1000 dilution).

CYP3A4 Antibody is a Rabbit Polyclonal antibody against CYP3A4. Cytochrome P450 3A (CYP3A) belongs to the cytochrome P450 family and the enzymes constitute an important detoxification system that contributes to primary metabolism of more than half of all prescribed medications. CYP3A expression determines impairment of drug absorption and efficient systemic clearance in a tissue-specific manner (PMID:17975676). This antibody is specific to CYP3A4.

Target: Cytochrome P450 3A4 (CYP3A4)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human CYP3A4

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P08684 ([UniProt](#), [ExPASy](#))

Gene Symbol: CYP3A4

Datasheet

Version: 5.0.0

Revision date: 25 Jun 2025



GeneID: [1576](#)

OMIM: [124010](#)

NCBI Accession: NP_059488.2

HGNC: 2637

KEGG: hsa:1576

Ensembl: ENSG00000160868

String: [9606.ENSP00000337915](#)

Molecular Weight: Calculated MW: 57 kDa
Observed MW: 57 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.