

MAQ089Hu21

Monoclonal Antibody to Cytochrome P450 3A7 (CYP3A7)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG2a Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C2

Traits: Liquid

Concentration: 1mg/ml

UOM: 100µl

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant CYP3A7 (Pro344~Asp497) expressed in *E.coli*

Accession No.: RPQ089Hu01

[APPLICATIONS]

Western blotting: 0.5-3µg/mL;

Immunohistochemistry: 5-30µg/mL;

Immunocytochemistry: 5-30µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

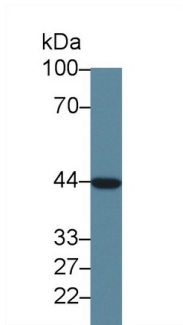
Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 months.

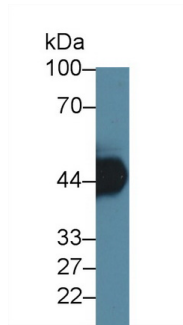
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

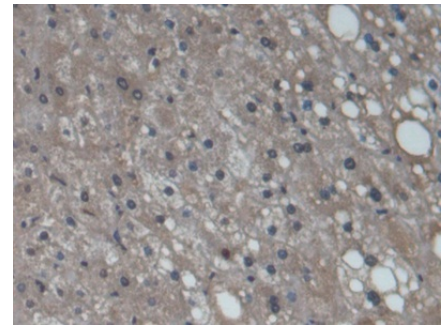
[IDENTIFICATION]



Western Blot; Sample: Human Lung
lysate; Primary Ab: 3µg/ml Mouse Anti-
Human CYP3A7 Antibody Second



Western Blot; Sample: Porcine
Cerebrum lysate;
Primary Ab: 3µg/ml Mouse Anti-Human
CYP3A7 Antibody
Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody(Catalog: SAA544Mu19)



DAB staining on IHC-P; Samples:
Human Liver Tissue.

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.