

Datasheet for ABIN636074
anti-CYP2A7 antibody (N-Term)



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1 Image

Overview

| | |
|----------------------|---------------------------------------|
| Quantity: | 100 µL |
| Target: | CYP2A7 |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CYP2A7 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|---------------|--|
| Immunogen: | CYP2 A7 antibody was raised using the N terminal of CYP2 7 corresponding to a region with amino acids MLASGLLLVALLACLTVMLMSVWQQRKSRGKLP GP TPLPFIGNYLQLN |
| Specificity: | CYP2 A7 antibody was raised against the N terminal of CYP2 7 |
| Purification: | Affinity purified |

Target Details

| | |
|-------------------|---|
| Target: | CYP2A7 |
| Alternative Name: | CYP2A7 (CYP2A7 Products) |
| Background: | 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. This protein localizes |

Target Details

to the endoplasmic reticulum, its substrate has not yet been determined. This gene, which produces two transcript variants, is part of a large cluster of cytochrome P450 genes from the CYP2A, CYP2B and CYP2F subfamilies on chromosome 19q.

Molecular Weight: 56 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: CYP2A7 Blocking Peptide, catalog no. 33R-6180, is also available for use as a blocking control in assays to test for specificity of this CYP2A7 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CYP0 7 antibody in PBS

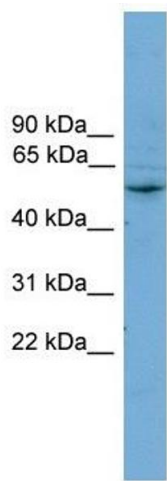
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. CYP2A7 antibody used at 1 ug/ml to detect target protein.