

Datasheet for ABIN7644236

## anti-Phenylalanine Hydroxylase antibody



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### Overview

Quantity:	100 µL
Target:	Phenylalanine Hydroxylase
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Phenylalanine Hydroxylase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

### Product Details

Purpose:	Monoclonal Antibody to Phenylalanine Hydroxylase (PAH)
Immunogen:	RPC750Hu02Recombinant Phenylalanine Hydroxylase (PAH)
Clone:	C11
Specificity:	The antibody is a mouse monoclonal antibody raised against PAH. It has been selected for its ability to recognize PAH in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

### Target Details

Target:	Phenylalanine Hydroxylase
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## Target Details

Abstract:	<a href="#">Phenylalanine Hydroxylase Products</a>
Background:	PKU, PKU1, Phe-4-monooxygenase
UniProt:	<a href="#">P00439</a>

## Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	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.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.61 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.