Datasheet for ABIN651111

anti-Phenylalanine Hydroxylase antibody (AA 132-161)

1 Image

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Overview

Quantity:	400 µL
Target:	Phenylalanine Hydroxylase
Binding Specificity:	AA 132-161
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phenylalanine Hydroxylase antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PAH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 132-161 amino acids from the Central region of human PAH.
Clone:	RB24519
Isotype:	Ig Fraction
Predicted Reactivity:	B, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Phenylalanine Hydroxylase
Alternative Name:	PAH (Phenylalanine Hydroxylase Products)

Target Details

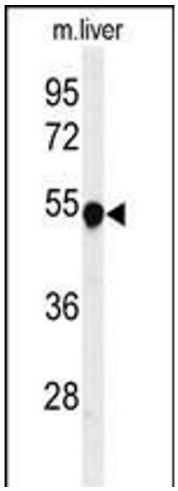
Target Type:	Chemical
Background:	PAH encodes the enzyme phenylalanine hydroxylase that is the rate-limiting step in phenylalanine catabolism. Deficiency of this enzyme activity results in the autosomal recessive disorder phenylketonuria.
Molecular Weight:	51862
Gene ID:	5053
NCBI Accession:	NP_000268
UniProt:	P00439

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis of H Antibody (Center) (ABIN651111 and ABIN2840077) in mouse liver tissue lysates (35 µg/lane). H (arrow) was detected using the purified b.