DATASHEET

SHP Rabbit Polyclonal Antibody

CAT. NO. ARA6803

KEY FEATURES

Target	SHP	**Source/Host**	Rabbit
Reactivity	Human, Mouse, Rat	**Clonality**	Polyclonal
Applications	WB	**Storage**	at -20°C

BACKGROUND

Transcriptional regulator that acts as a negative regulator of receptor-dependent signaling pathways.Specifically inhibits transactivation of the nuclear receptor with which it interacts.Inhibits transcriptional activity of NEUROD1 on E-box-containing promoter by interfering with the coactivation function of the p300/CBP-mediated transcription complex for NEUROD1.Essential component of the liver circadian clock which via its interaction with NR1D1 and RORG regulates NPAS2-mediated hepatic lipid metabolism (By similarity).Regulates the circadian expression of cytochrome P450 (CYP) enzymes.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Immunogen	Recombinant full length protein of human SHP
Purification	The antibody was purified by immunogen affinity chromatography
Clonality	Polyclonal
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide
Gene Symbol	NR0B2
Alternative Names	SHP; Nuclear receptor subfamily 0 group B member 2; Orphan nuclear receptor SHP; Small heterodimer partner
Entrez Gene	8431 (Human); 23957 (Mouse); 117274 (Rat)
SwissProt	Q15466 (Human); Q62227 (Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

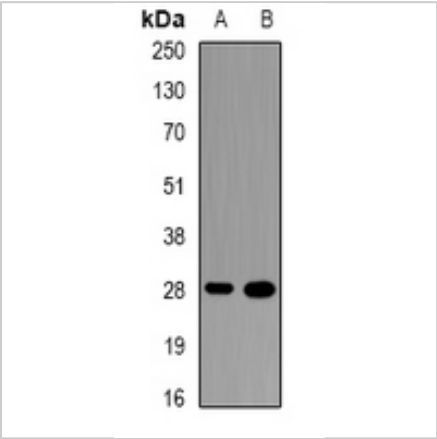
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA



Western blot analysis of SHP expression in mouse liver (A), mouse kidney (B) whole cell lysates. (Predicted band size: 28 kD; Observed band size: 28 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com