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Datasheet for ABIN6972497

anti-Polybromo 1 antibody (N-Term)

2 Images

Overview

Quantity:	100 µL
Target:	Polybromo 1 (PBRM1)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ChIP DNA-Sequencing (ChIP-seq)

Product Details

Immunogen:	This antibody was raised against a peptide within the N-terminal region of human PBRM1.
Isotype:	IgG
Characteristics:	PBRM1 (polybromo 1) is a component of the SWI/SNF-B (PBAF) ATP-dependent chromatin-remodeling complex. It is involved in transcriptional activation and repression of select genes by chromatin remodeling and is an integral component of complexes necessary for ligand-dependent transcriptional activation by nuclear hormone receptors. Defects in PBRM1 have been associated with primary clear cell renal cell carcinoma. PBRM1 antibody (pAb) was raised in a Rabbit host. It has been validated for use in ChIP-Seq and Western blot, it has been shown to react with Human and Mouse samples.
Purification:	Affinity Purified

Target Details

Target: Polybromo 1 (PBRM1)

Alternative Name: PBRM1 ([PBRM1 Products](#))

Molecular Weight: 180 kDa

NCBI Accession: [NP_060783](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: Purified IgG in PBS with 30 % glycerol and 0.035 % sodium azide.

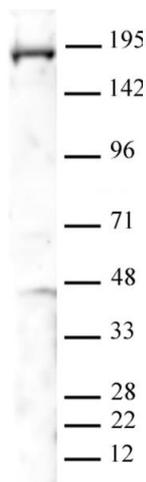
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

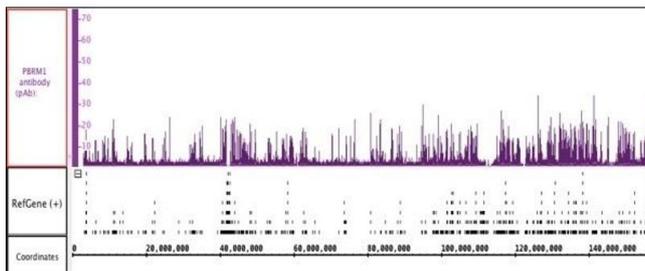
Storage Comment: Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.

Images



Western Blotting

Image 1. PBRM1 antibody (pAb) tested by Western blot. Detection of PBRM1 by Western blot. The analysis was performed using 40 µg of A-431 nuclear extract and PBRM1 (pAb) at a 1:1000 dilution.



ChIP DNA-Sequencing

Image 2. PBRM1 antibody (pAb) tested by ChIP-Seq. Chromatin immunoprecipitation (ChIP) was performed using the ChIP-IT High Sensitivity Kit with 30 μ g of chromatin from mouse liver and 4 μ g PBRM1 antibody. ChIP DNA was sequenced on the Illumina HiSeq and 3.9 million sequence tags were mapped to identify PBRM1 binding sites.