
Product Name: KO-Validated Polybromo 1 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVAb00082

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 192.9kDa

Antigen Information

Gene Name	PBRM1
Alternative Names	PBRM1; Polybromo 1; BAF180; PB1; SMARCH1; BRG1-Associated Factor 180; Protein Polybromo-1; Polybromo-1D; HPB1; RCC
Gene ID	55193.0
SwissProt ID	Q86U86
Immunogen	A synthesized peptide derived from human PBRM1

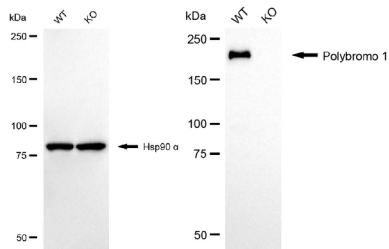
Background

This locus encodes a subunit of ATP-dependent chromatin-remodeling complexes. The encoded protein has been identified as in integral component of complexes necessary for ligand-dependent transcriptional activation by nuclear hormone receptors. Mutations at this locus have been associated with primary clear cell renal cell carcinoma. [provided by RefSeq, Feb 2012]

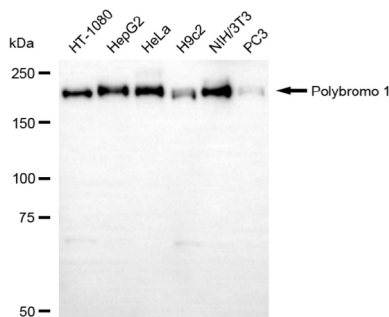
Research Area

Epigenetics and Nuclear Signaling

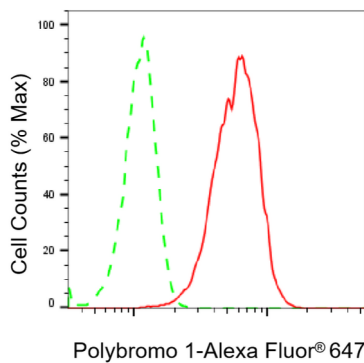
Image Data



Western blotting analysis using polybromo 1 antibody (KVA00082). Polybromo 1 expression in wild-type (WT) and polybromo 1 (PBRM1) knockout (KO) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with polybromo 1 antibody (KVA00082, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using polybromo 1 antibody (KVA00082). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with polybromo 1 antibody (KVA00082, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Flow cytometric analysis of Polybromo 1 expression in HepG2 cells using Polybromo 1 antibody (KVA00082, 1:2,000). Green, isotype control; red, Polybromo 1.