

ARG43931 anti-PRDM7 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PRDM7
Tested Reactivity	Hu
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PRDM7
Species	Human
Immunogen	Human PRDM7 recombinant protein
Conjugation	Un-conjugated
Alternate Names	PRDM7; PR/SET Domain 7; ZNF910; [Histone H3]-Lysine4 N-Methyltransferase PRDM7; Histone-Lysine N-Methyltransferase PRDM7; PR Domain Zinc Finger Protein 7; PR Domain Containing 7; PR Domain 7; PFM4; Probable Histone-Lysine N-Methyltransferase PRDM7; PR Domain-Containing Protein 7; PR-Domain Family Protein 4; EC 2.1.1.43; EC 2.1.1.-

Application Instructions

Application table	Application	Dilution
	ELISA	0.1-0.5 µg/ml
	WB	0.25-0.5 µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

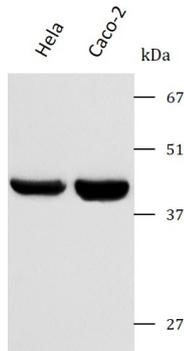
Properties

Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PRDM7
Gene Full Name	PR/SET Domain 7
Background	This gene encodes a member of a family of proteins that may have roles in transcription and other nuclear processes. The encoded protein contains a KRAB (Kruppel-associated box) domain -A box and a SET (Su(var)3-9, Enhancer-of-zeste, Trithorax) domain and may function as a histone methyltransferase. [
Function	Histone methyltransferase that selectively methylates 'Lys-4' of dimethylated histone H3 (H3K4me2) to produce trimethylated 'Lys-4' histone H3 (H3K4me3). May play a role in epigenetic regulation of gene expression by defining an active chromatin state.
Calculated Mw	56 kDa
Cellular Localization	Chromosome, Nucleus

Images



ARG43931 anti-PRDM7 antibody WB image

Western blot: HeLa and Caco-2 stained with ARG43931 anti-PRDM7 antibody at 0.5 µg/mL dilution.