

**DATASHEET**

**MSH5 Rabbit Polyclonal Antibody**

CAT. NO. APA16191

**KEY FEATURES**

Target	MSH5	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

**BACKGROUND**

Involved in DNA mismatch repair and meiotic recombination processes. Facilitates crossovers between homologs during meiosis .

**APPLICATION**

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

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

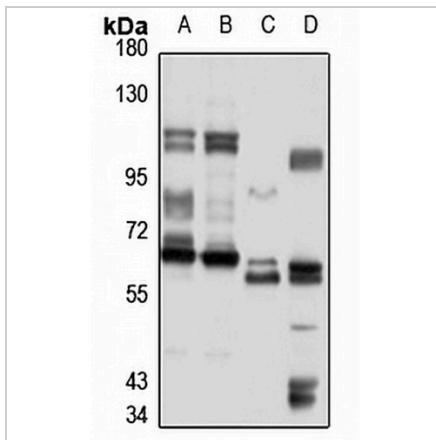
Description	Rabbit polyclonal antibody to MSH5
Specificity	Recognizes endogenous levels of MSH5 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human MSH5. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 91; Observed: 100 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	MutS protein homolog 5; hMSH5
Gene Symbol	MSH5
Entrez Gene	4439(Human); 17687(Mouse); 294252(Rat)
SwissProt	O43196(Human); Q9QUM7(Mouse); Q6MG62(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto: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 MSH5 expression in A375 (A), K562 (B), mouse testis (C), mouse heart (D) whole cell lysates. (Predicted band size: 91; 92; 93; 94 kD; Observed band size: 100 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.