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## Product Information

<b>Product SKU:</b>	CAB3177	<b>Gene ID:</b>	2956	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human, Mouse

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## Additional Information

<b>Observed MW:</b>	200kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	153kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

<b>Background:</b>	This gene encodes a member of the DNA mismatch repair MutS family. In E. coli, the MutS protein helps in the recognition of mismatched nucleotides prior to their repair. A highly conserved region of approximately 150 aa, called the Walker-A adenine nucleotide binding motif, exists in MutS homologs. The encoded protein heterodimerizes with MSH2 to form a mismatch recognition complex that functions as a bidirectional molecular switch that exchanges ADP and ATP as DNA mismatches are bound and dissociated. Mutations in this gene may be associated with hereditary nonpolyposis colon cancer, colorectal cancer, and endometrial cancer. Transcripts variants encoding different isoforms have been described.
<b>Recommended Dilution:</b>	WB, 1:500 - 1:1000 IF/ICC, 1:50 - 1:100
<b>Synonyms:</b>	GTBP; HSAP; p160; GTMBP; MSH-6; HNPCC5; LYNCH5; MMRCS3; MSH6
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1061-1360 of human MSH6 (P52701).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.