

CAB5681

Product Information

Product SKU:	CAB5681	Gene ID:	4437	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	127kDa	Conjugate:	Unconjugated
Calculated MW:	127kDa	Isotype:	IgG

Immunogen Information

Background: The protein encoded by this gene forms a heterodimer with MSH2 to form MutS beta, part of the post-replicative DNA mismatch repair system. MutS beta initiates mismatch repair by binding to a mismatch and then forming a complex with MutL alpha heterodimer. This gene contains a polymorphic 9 bp tandem repeat sequence in the first exon. The repeat is present 6 times in the reference genome sequence and 3-7 repeats have been reported. Defects in this gene are a cause of susceptibility to endometrial cancer.

Recommended Dilution: WB, 1:500 - 1:2000

Synonyms: DUP; FAP4; MRP1; MSH3

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 617-761 of human MSH3 (NP_004696.2).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.