

## MSH3 Antibody HRP Conjugated

Catalog No: #C07549H

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## Description

Product Name	MSH3 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IHC-P IHC-F
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human MSH3
Conjugates	HRP
Target Name	MSH3
Other Names	Divergent upstream protein; DNA mismatch repair protein; DNA mismatch repair protein Msh 3; DNA mismatch repair protein Msh3; DUC 1; DUC1; DUG; DUP; hMSH3; Mismatch repair protein 1; MRP 1; MRP1; MSH 3; MSH-3; MSH3_HUMAN; MutS homolog 3.
Accession No.	NCBI Gene ID4437
Uniprot	P20585
GeneID	4437;
Excitation Emission	N A
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

IHC-P=1:50-200 IHC-F=1:50-200

## Background

Component of the post-replicative DNA mismatch repair system (MMR). Heterodimerizes with MSH2 to form MutS beta which binds to DNA mismatches thereby initiating DNA repair. When bound, the MutS beta heterodimer bends the DNA helix and shields approximately 20 base pairs. MutS beta recognizes large insertion-deletion loops (IDL) up to 13 nucleotides long. After mismatch binding, forms a ternary complex with the MutL alpha heterodimer, which is thought to be responsible for directing the downstream MMR events, including strand discrimination, excision, and resynthesis.

Note: This product is for in vitro research use only