



Datasheet for ABIN1387468  
**anti-MSH3 antibody (AA 651-750)**



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1 Image

Overview

Quantity:	100 µL
Target:	MSH3
Binding Specificity:	AA 651-750
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MSH3 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MSH3
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	MSH3
Alternative Name:	MSH3 ( <a href="#">MSH3 Products</a> )

## Target Details

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Background:	<p>Synonyms: 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.</p> <p>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.</p>
Gene ID:	4437
Pathways:	<a href="#">DNA Damage Repair</a> , <a href="#">Production of Molecular Mediator of Immune Response</a>

## Application Details

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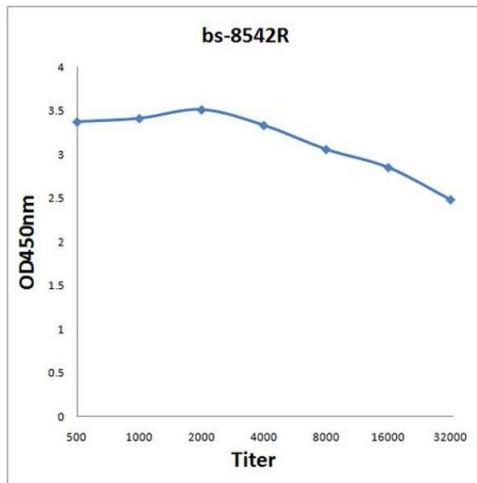
Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



#### ELISA

**Image 1.** Antigen: 2 µg/100 µL Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Rabbit Anti-Goat IgG at 1: 5000; TMB staining Read the data in Microplate Reader by 450nm.