

## Anti-MSH3 Antibody

Catalog Number: A02455-1

### About MSH3

MSH3 is a DNA mismatch repair (MMR) gene that heterodimerizes with MSH2 to form MutS beta which binds to DNA mismatches thereby initiating DNA repair. It undergoes frequent somatic mutation in colorectal cancers (CRCs) with MMR deficiency. MSH3 mismatch repair protein regulates sensitivity to cytotoxic drugs and a histone deacetylase inhibitor in human colon carcinoma cells (PMID: 23724141, PMID:32671096).

### Overview

Product Name	Anti-MSH3 Antibody
Reactive Species	Human
Description	Boster Bio Anti-MSH3 Antibody catalog # A02455-1. Tested in WB, IHC, ICC, IF, IP, ELISA applications. This antibody reacts with Human.
Application	ELISA, IP, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P20585

### Technical Details

Immunogen	E.coli-derived human MSH3 recombinant protein (Position: R3-I348).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunocytochemistry/Immunofluorescence, 1:50-400 ImmunoPrecipitation, 1:250-300 ELISA, 1:100-1000

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