

## Anti-MSH2 Polyclonal Antibody

Cat: AC51086

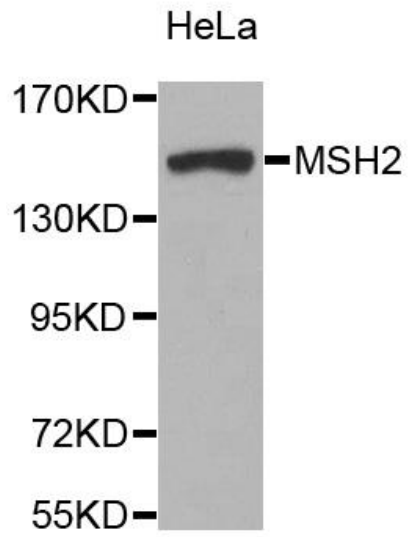
### Summary:

- 【Product name】** : Anti-MSH2 antibody      **【Source】** : Rabbit  
**【Isotype】** : IgG      **【Species reactivity】** : Human Mouse Rat  
**【Swiss Prot】** : P43246      **【Gene ID】** : 4436  
**【Calculated】** : MW:105kDa      **【Observed】** : MW:150kDa  
**【Purification】** : Affinity purification  
**【Tested applications】** : WB, IP  
**【Recommended dilution】** : WB 1:500-2000. IP 1:20-50.  
**【WB Positive sample】** : HeLa  
**【Subcellular location】** : Nucleus  
**【Immunogen】** : Recombinant protein of human MSH2  
**【Storage】** : Shipped at 4°C. Upon delivery aliquot and store at -20°C

### Background:

This locus is frequently mutated in hereditary nonpolyposis colon cancer (HNPCC). When cloned, it was discovered to be a human homolog of the E. coli mismatch repair gene mutS, consistent with the characteristic alterations in microsatellite sequences (RER+ phenotype) found in HNPCC. Two transcript variants encoding different isoforms have been found for this gene.

## Verified picture



Western blot analysis with MSH2 antibody  
diluted at 1:1000