MSH4 Rabbit Polyclonal Antibody

Catalog No: #55539

Package Size: #55539-1 50ul   #55539-2 100ul

Description

Product Name	MSH4 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Mouse,Rat
Immunogen Description	Recombinant fusion protein of human MSH4 (NP_002431.2).
Other Names	MSH4
Accession No.	Uniprot:O15457GeneID:4438
Calculated MW	104kDa
SDS-PAGE MW	105kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB   1:500 - 1:2000

Images
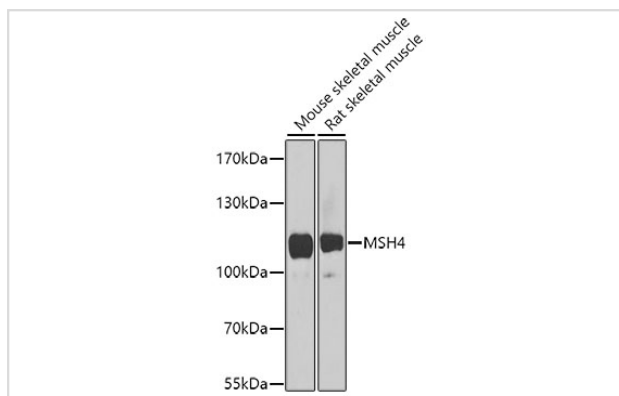
Western blot analysis of extracts of various cell lines, using MSH4 antibody.

Background

This gene encodes a member of the DNA mismatch repair mutS family. This member is a meiosis-specific protein that is not involved in DNA mismatch correction, but is required for reciprocal recombination and proper segregation of homologous chromosomes at meiosis I. This protein and MSH5 form a heterodimer which binds uniquely to a Holliday Junction and its developmental progenitor, thus provoking ADP-ATP exchange, and stabilizing the interaction between parental chromosomes during meiosis double-stranded break repair.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.