

Datasheet for ABIN7130270

anti-MSH4 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	MSH4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MSH4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of Human MSH4
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen affinity purification

Target Details

Target:	MSH4
Alternative Name:	MSH4 (MSH4 Products)
Background:	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

Target Details

Junction and its developmental progenitor, thus provoking ADP-ATP exchange, and stabilizing the interaction between parental chromosomes during meiosis double-stranded break repair.

Aliases: hMSH4 antibody, MSH 4 antibody, MSH4 antibody, MSH4_HUMAN antibody, MutS homolog 4 (E. Coli) antibody, MutS homolog 4 antibody, MutS protein homolog 4 antibody

UniProt: [015457](#)

Application Details

Application Notes: ELISA:1:2000-1:5000, IHC:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

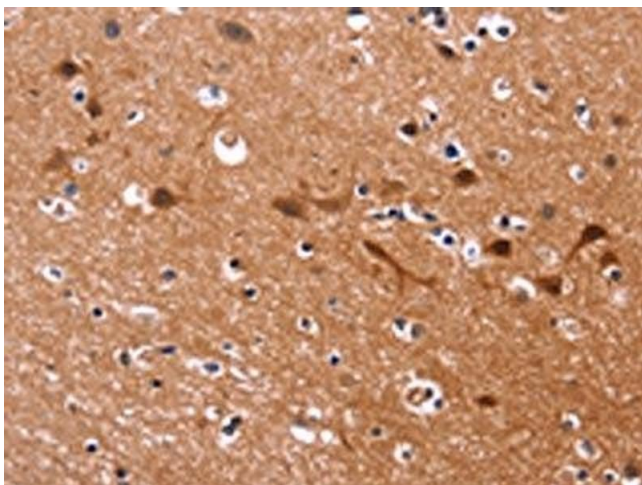
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

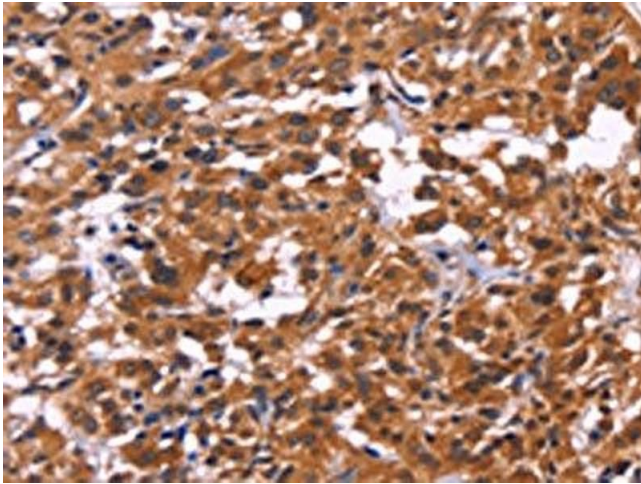
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ABIN7130270(MSH4 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x200)



Immunohistochemistry

Image 2. The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ABIN7130270(MSH4 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x200)