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anti-MSH5 antibody

3 Images



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Quantity:	100 μL	
Target:	MSH5	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This MSH5 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)	

Product Details

Immunogen:	Fusion protein of Human MSH5
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen affinity purification

Target Details

Target:	MSH5
Alternative Name:	MSH5 (MSH5 Products)
Background:	Background: This gene encodes a member of the mutS family of proteins that are involved in DNA mismatch repair and meiotic recombination. This protein is similar to a Saccharomyces
	cerevisiae protein that participates in segregation fidelity and crossing-over events during meiosis. This protein plays a role in promoting ionizing radiation-induced apoptosis. This

Target Details

protein forms hetero-oligomers with another member of this family, mutS homolog 4. Polymorphisms in this gene have been linked to various human diseases, including IgA deficiency, common variable immunodeficiency, and premature ovarian failure. Alternative splicing results multiple transcript variants.

Aliases: DKFZp434C1615 antibody, G7 antibody, hMSH5 antibody, MGC2939 antibody, MSH 5 antibody, MSH5 antibody, MSH5_HUMAN antibody, mutS (E. coli) homolog 5 antibody, mutS homolog 5 (E. coli) antibody, MutS protein homolog 5 antibody, MutSH5 antibody, NG23 antibody, OTTHUMP00000029187 antibody, OTTHUMP00000029188 antibody

UniProt:

043196

Pathways:

M Phase

Application Details

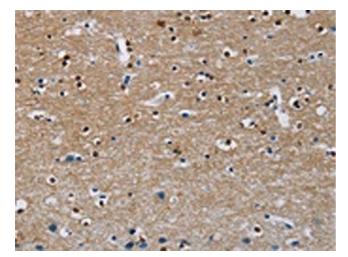
Application Notes:	ELISA:1:1000-1:2000, WB:1:200-1:1000, IHC:1:50-1:200,

Restrictions:

For Research Use only

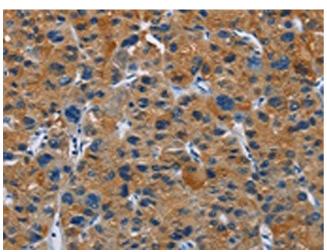
Handling

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.	



Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ABIN7130272(MSH5 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 liver cancer tissue using ABIN7130272(MSH5 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x200)



Western Blotting

Image 3. Gel: 6 % SDS-PAGE, Lysate: 40 μ g, Lane: Mouse bladder tissue, Primary antibody: ABIN7130272(MSH5 Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 seconds