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Datasheet for ABIN2776762

anti-MSH4 antibody (Middle Region)

1 Image

Overview

Quantity:	100 µL
Target:	MSH4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Guinea Pig, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MSH4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MSH4
Sequence:	EITTQITRQI LQNQRSTPEM ERQRAVYHLA TRLVQTARN S QLDPDSLRIY
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 79%, Rabbit: 86%, Rat: 86%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against MSH4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MSH4
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Target Details

Alternative Name:	MSH4 (MSH4 Products)
Background:	<p>MSH4 is involved in meiotic recombination. MSH4 is required for reciprocal recombination and proper segregation of homologous chromosomes at meiosis.</p> <p>Alias Symbols: RED2, ADAR3, MSH4</p> <p>Protein Interaction Partner: UBC, ANKHD1, GPATCH4, PSME3, PIK3R2, NOP16, SUMO1,</p> <p>Protein Size: 936</p>
Molecular Weight:	105 kDa
Gene ID:	105
NCBI Accession:	NM_002440 , NP_002431
UniProt:	O15457

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 936 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-MSH4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Thymus