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Datasheet for ABIN7468755
anti-PMS2CL/PMS2 antibody (N-Term)

Overview

Quantity:	100 µL
Target:	PMS2CL/PMS2 (PMS2)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PMS2CL/PMS2 antibody is un-conjugated
Application:	Immunoprecipitation (IP), Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human PMS2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	PMS2CL/PMS2 (PMS2)
Alternative Name:	PMS1 homolog 2, mismatch repair system component (PMS2 Products)
Background:	Synonyms: PMS1 homolog 2, mismatch repair system component , HNPCC4 , MLH4 , PMS2CL

Target Details

, PMSL2

Background: This gene is one of the PMS2 gene family members found in clusters on chromosome 7. The product of this gene is involved in DNA mismatch repair. It forms a heterodimer with MLH1 and this complex interacts with other complexes bound to mismatched bases. Mutations in this gene are associated with hereditary nonpolyposis colorectal cancer, Turcot syndrome, and are a cause of supratentorial primitive neuroectodermal tumors. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq]

Molecular Weight: 96 kDa

Gene ID: 5395

UniProt: [P54278](#)

Application Details

Application Notes: WB: 1:500-1:10000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: human PMS2-transfected 293T cells , A431 , HeLa , HepG2 Validation: Overexpression

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

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

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.