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Anti-PMS1 Antibody

Catalog # AP51433

Product Information

Application	WB, IHC
Primary Accession	P54277
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	105830

Additional Information

Gene ID	5378
Other Names	PMSL1; PMS1 protein homolog 1; DNA mismatch repair protein PMS1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PMS1. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

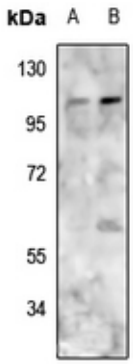
Protein Information

Name	PMS1
Synonyms	PMSL1
Function	Probably involved in the repair of mismatches in DNA.
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00267}.

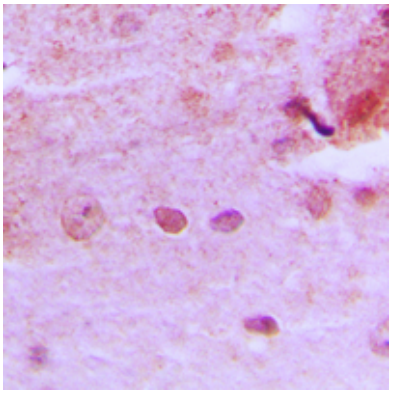
References

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Hayashi A.,et al.Submitted (FEB-2003) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 434:724-731(2005).
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Leung W.K.,et al.J. Biol. Chem. 275:15728-15732(2000).

Images



Western blot analysis of PMS1 expression in mouse testis (A), rat lung (B) whole cell lysates. (Predicted band size: 105 kD; Observed band size: 106 kD)



Immunohistochemical analysis of PMS1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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