

MMS19 Rabbit pAb

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Catalog # AP94361

Product Information

Application	IHC-P, IHC-F, IF
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	113 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MMS19
Epitope Specificity	851-950/1030
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nuclear.
SIMILARITY	Belongs to the MET18/MMS19 family. Contains 7 HEAT repeats.
SUBUNIT	Component of the MMXD complex, which includes CIAO1, ERCC2, FAM96B, MMS19 and SLC25A5. Interacts with FAM96B; the interaction is direct. Interacts with ERCC2/XPD; the interaction is direct. Interacts with ERCC3/XPB and NCOA3/RAC3.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	MMS19 is a 1,030 amino acid nuclear protein containing seven HEAT repeats that belongs to the MET18/MMS19 family. Via its interactions with TFIIH p80 and TFIIH p89 helicases, MMS19 plays a role in nucleotide excision repair (NER) and RNA polymerase II (Pol II) transcription. MMS19 may also function as a transcriptional coactivator of estrogen receptor. While ubiquitously expressed, highest levels of MMS19 have been found in testis. At least five distinct MMS19 protein isoforms exist, which are produced by alternative splicing events. The gene encoding MMS19 maps to human chromosome 10q24.1, and is associated with the risk of pancreatic cancer.

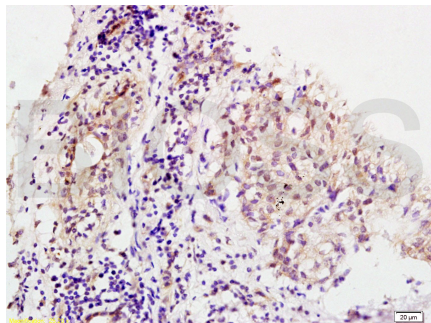
Additional Information

Target/Specificity	Ubiquitously expressed with higher expression in testis.
Dilution	IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

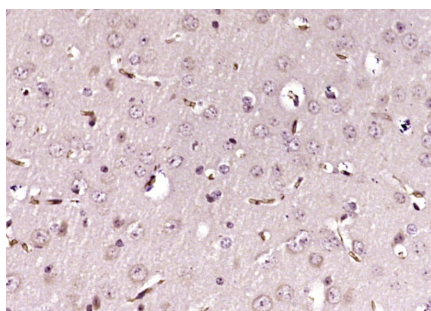
Background

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Images



Tissue/cell: human breast carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-MMS19 Polyclonal Antibody, Unconjugated(AP94361) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MMS19) Polyclonal Antibody, Unconjugated (AP94361) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.