

Anti-MMS19 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat, Dog, Pig, Horse, Rabbit)
Molecular Weight:	Theoretical: 113 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Tissue/cell: human breast carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;</p> <p>Incubation: Anti-MMS19 Polyclonal Antibody, Unconjugated (TMAB-08883) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining</p> <p>2. Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (MMS19) Polyclonal Antibody, Unconjugated (TMAB-08883) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</p>
Application:	IHC-P, IHC-Fr, IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human MMS19
Antigen Species:	Human
Gene ID:	64210

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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