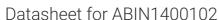
antibodies -online.com





Alternative Name:

anti-MMS19 antibody (AA 851-950) (FITC)



Overview		
Quantity:	100 μL	
Target:	MMS19	
Binding Specificity:	AA 851-950	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This MMS19 antibody is conjugated to FITC	
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	
Product Details		
Immunogen:	KLH conjugated synthetic peptide derived from human MMS 19	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse	
Predicted Reactivity:	Rat,Dog,Pig,Horse,Rabbit	
Purification:	Purified by Protein A.	
Target Details		
Target:	MMS19	

MMS19 (MMS19 Products)

Target Details

Background:	Synonyms: MET18, MMS19L, hMMS19, MMS19 nucleotide excision repair protein homolog,	
	MET18 homolog, MMS19-like protein, MMS19	
	Background: Key component of the cytosolic iron-sulfur protein assembly (CIA) complex, a	
	multiprotein complex that mediates the incorporation of iron-sulfur cluster into apoproteins	
	specifically involved in DNA metabolism and genomic integrity. In the CIA complex, MMS19	
	acts as an adapter between early-acting CIA components and a subset of cellular target iron-	
	sulfur proteins such as ERCC2/XPD, FANCJ and RTEL1, thereby playing a key role in nucleotide	
	excision repair (NER) and RNA polymerase II (POL II) transcription. As part of the mitotic	
	spindle-associated MMXD complex, plays a role in chromosome segregation, probably by	
	facilitating iron-sulfur cluster assembly into ERCC2/XPD. Indirectly acts as a transcriptional	
	coactivator of estrogen receptor (ER), via its role in iron-sulfur insertion into some component	
	of the TFIIH-machinery.	
Gene ID:	64210	
UniProt:	Q96T76	
Pathways:	Nuclear Hormone Receptor Binding	
Application Details		
Application Notes:	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and	
	50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	
	handled by trained staff only.	
Storage:	-20 °C	

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months