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Datasheet for ABIN7116476
anti-MMS19 antibody

Overview

Quantity:	100 µg
Target:	MMS19
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMS19 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	MMS19 nucleotide excision repair homolog(S. cerevisiae)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	MMS19
Alternative Name:	MMS19 (MMS19 Products)
Background:	Synonyms:MMS19L 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

Target Details

cellular target iron-sulfur proteins such as ERCC2/XPD, FANCI 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 TFIID-machinery.

Molecular Weight: 103 kDa

Gene ID: 64210

UniProt: [Q96T76](#)

Pathways: [Nuclear Hormone Receptor Binding](#)

Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months