

Datasheet for ABIN4996682

anti-MPG antibody (AA 101-200) (AbBy Fluor® 680)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	MPG
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MPG antibody is conjugated to AbBy Fluor® 680
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 APNG/MPG
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Pig
Purification:	Purified by Protein A.

Target Details

Target:	MPG
Alternative Name:	APNG/MPG (MPG Products)

Target Details

Background:	Synonyms: N-methylpurine-DNA glycosylase isoform a, DNA 3 methyladenine glycosylase, 3 alkyladenine DNA glycosylase, AAG, ADPG, Alkyladenine DNA glycosylase, anpg , APNG, MDG, N methylpurine DNA glycosirase, CRA36.1, MDG, Mid1, PIG11, PIG16, 3MG_HUMAN. Background: MPG (N-methylpurine DNA glycosylase, or 3-methyladenine (3MeA) DNA glycosylase) repairs the 3MeA lethal lesion blocking DNA replication in Escherichia coli. Analysis of human cDNA libraries found a cDNA that would hybridize to human genomic DNA but not to E. coli or yeast DNA. This MPG gene has been mapped to human chromosome 16 by analysis of a panel of DNAs from mouse/human and hamster/human hybrid cell lines.
Gene ID:	4350
Pathways:	DNA Damage Repair

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