

ARG63446 anti-MPG antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes MPG
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize all three reported isoforms (NP_002425.2, NP_001015052.1 and NP_001015054.1)
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	MPG
Species	Human
Immunogen	C-SVVDRAEQDTQA
Conjugation	Un-conjugated
Alternate Names	AAG; APNG; anpg; 3-alkyladenine DNA glycosylase; N-methylpurine-DNA glycosylase; PIG16; PIG11; ADPG; MDG; 3-methyladenine DNA glycosidase; CRA36.1; DNA-3-methyladenine glycosylase; EC 3.2.2.21; Mid1

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

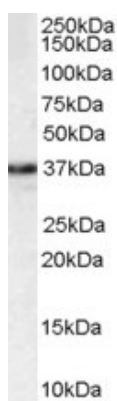
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

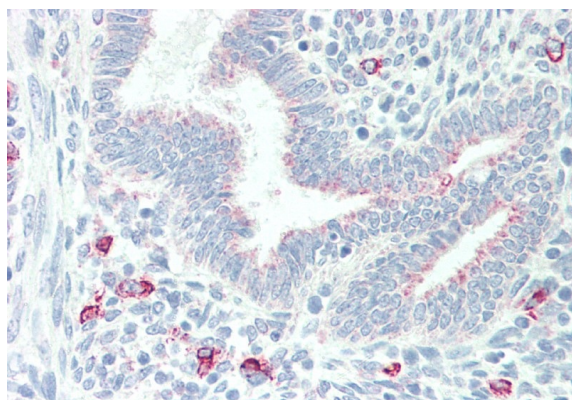
Database links	GeneID: 4350 Human Swiss-port # P29372 Human
Gene Symbol	MPG
Gene Full Name	N-methylpurine-DNA glycosylase
Function	Hydrolysis of the deoxyribose N-glycosidic bond to excise 3-methyladenine, and 7-methylguanine from the damaged DNA polymer formed by alkylation lesions. [UniProt]
Research Area	Gene Regulation antibody
Calculated Mw	33 kDa

Images



ARG63446 anti-MPG antibody WB image

Western Blot: HEK293 lysate (RIPA buffer, 35 µg total protein per lane) stained with ARG63446 anti-MPG antibody at 1 µg/ml dilution.



ARG63446 anti-MPG antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human uterus tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63446 anti-MPG antibody at 5 µg/ml dilution followed by AP-staining.