

ARG63535 anti-SMUG1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes SMUG1
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	SMUG1
Species	Human
Immunogen	PQAFLLSIHEPA-C
Conjugation	Un-conjugated
Alternate Names	Single-strand selective monofunctional uracil DNA glycosylase; UNG3; HMUDG; EC 3.2.2.-; FDG

Application Instructions

Application table	Application	Dilution
	IHC-P	Assay - dependent
	WB	0.1 - 0.3 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: 23583 Human](#)

[Swiss-port # Q53HV7 Human](#)

Background

This gene encodes a protein that participates in base excision repair by removing uracil from single- and double-stranded DNA. Many alternatively spliced transcript variants exist for this gene; the full-length nature is known for some but not all of the variants. [provided by RefSeq, Aug 2011]

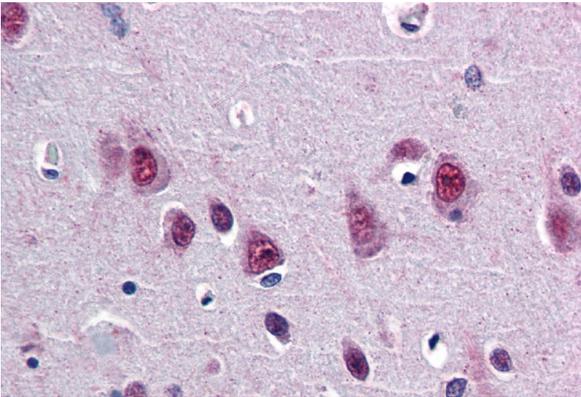
Research Area

Gene Regulation antibody

Calculated Mw

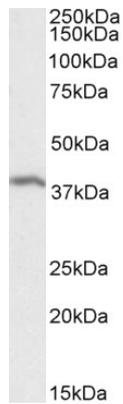
30 kDa

Images



ARG63535 anti-SMUG1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cortex tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63535 anti-SMUG1 antibody at 5 μ g/ml dilution followed by AP-staining.



ARG63535 anti-SMUG1 antibody WB image

Western blot: 35 μ g of MOLT-4 cell lysate (in RIPA buffer) stained with ARG63535 anti-SMUG1 antibody at 0.1 μ g/ml dilution and incubated at RT for 1 hour.