

Goat SMUG1 Polyclonal Antibody | anti-SMUG1 antibody

Goat Polyclonal to Human SMUG1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50893	Goat	Human, Monkey Predicted Reactivity: Gorilla, Gibbon (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

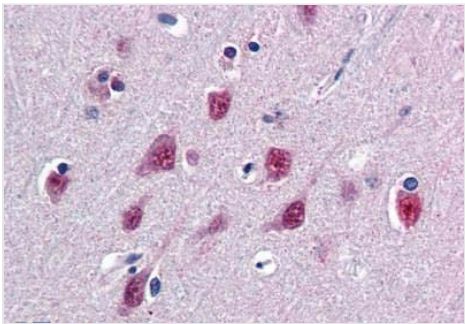
PRODUCT SYNONYMS

SMUG1; Polyclonal Antibody; Goat Polyclonal to Human SMUG1; Anti-SMUG1 Antibody (N-Terminus) IHC-plus; HMUDG; FDG; UNG3; Human SMUG1; anti-SMUG1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human, Monkey Predicted Reactivity: Gorilla, Gibbon (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human SMUG1.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	270
Applicable Applications for anti-SMUG1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide PQAFLLSIHEPA-C from the N-terminus of human SMUG1 (NP_055126.1). Percent identity by BLAST analysis: Human, Monkey (100%); Gorilla, Gibbon (92%); Horse (85%).
Immunogen Type	Synthetic peptide
Immunogen	SMUG1 antibody was raised against synthetic peptide PQAFLLSIHEPA-C from the N-terminus of human SMUG1 (NP_055126.1). Percent identity by BLAST analysis: Human, Monkey (100%); Gorilla, Gibbon (92%); Horse (85%).
Antigen Modification	N-Terminus
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-SMUG1 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

WB (Western Blot)
Antibody staining (0.5 ug/ml) of Molt-4 lysate (RIPA buffer, 35 ug total protein per lane).
Primary incubated for 1 hour. Detected by Western blot of chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657597
NCBI GeneID	23583
NCBI Accession #	NP_055126.1
NCBI GenBank Nucleotide #	NM_014311.2
UniProt Accession #	Q53HV7; O95862; Q0D2M0; Q8NB71; Q9BWC8; A8K2K9
Molecular Weight	19,627 Da
NCBI Official Full Name	single-strand selective monofunctional uracil DNA glycosylase isoform 1
NCBI Official Synonym Full Names	single-strand-selective monofunctional uracil-DNA glycosylase 1
NCBI Official Symbol	SMUG1
NCBI Official Synonym Symbols	FDG; UNG3; HMUDG
NCBI Protein Information	single-strand selective monofunctional uracil DNA glycosylase
UniProt Protein Name	Single-strand selective monofunctional uracil DNA glycosylase
UniProt Gene Name	SMUG1
UniProt Entry Name	SMUG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.